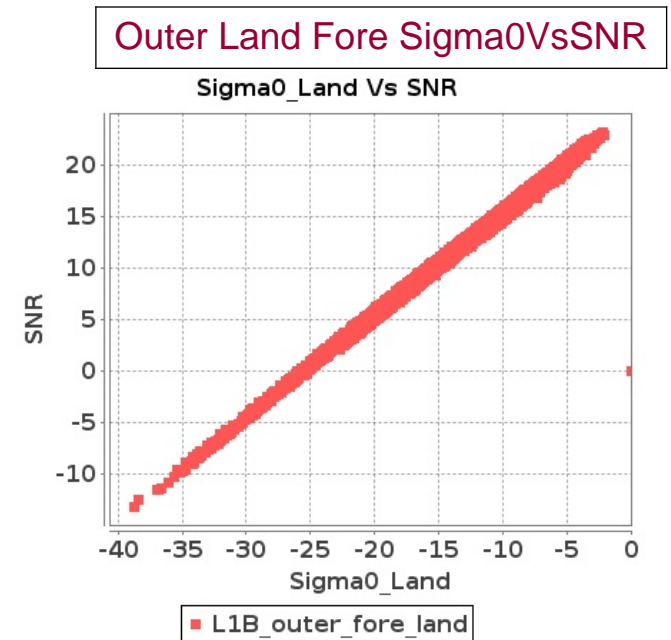
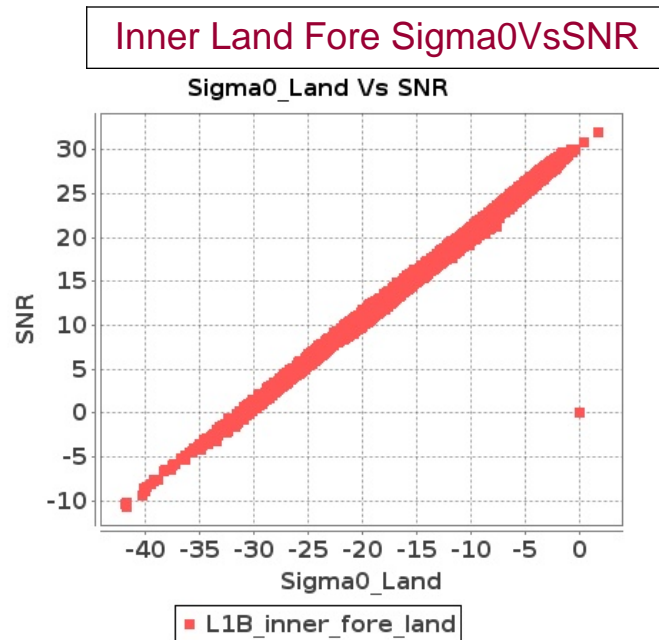
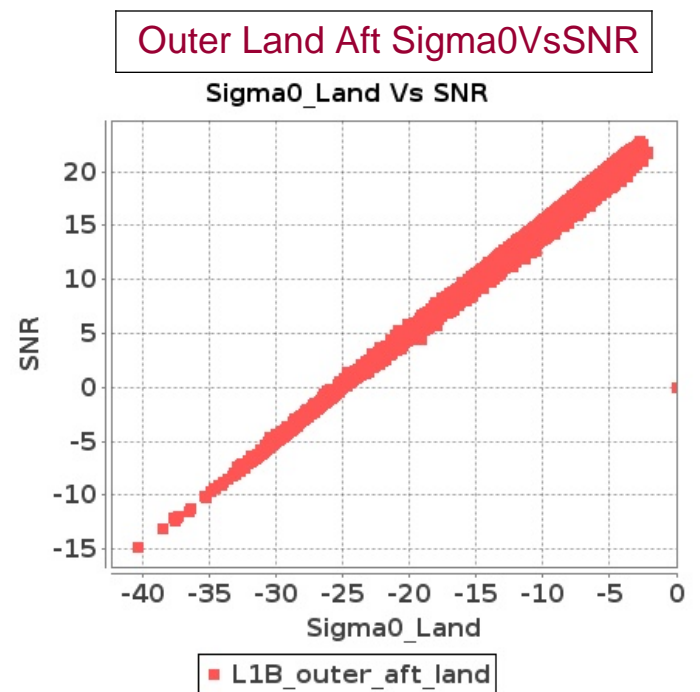
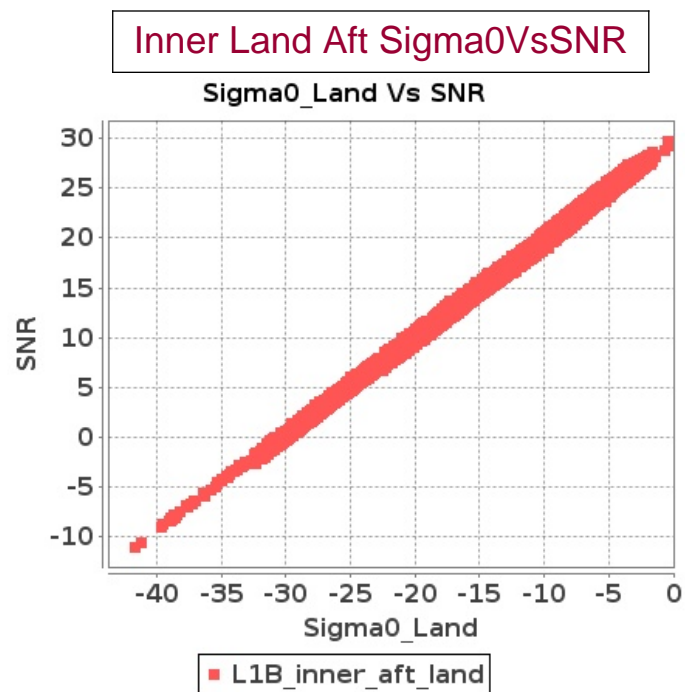
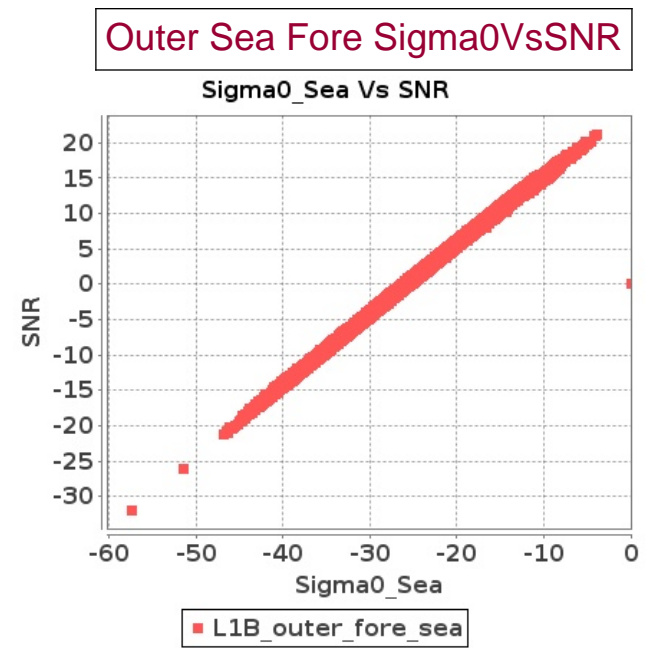
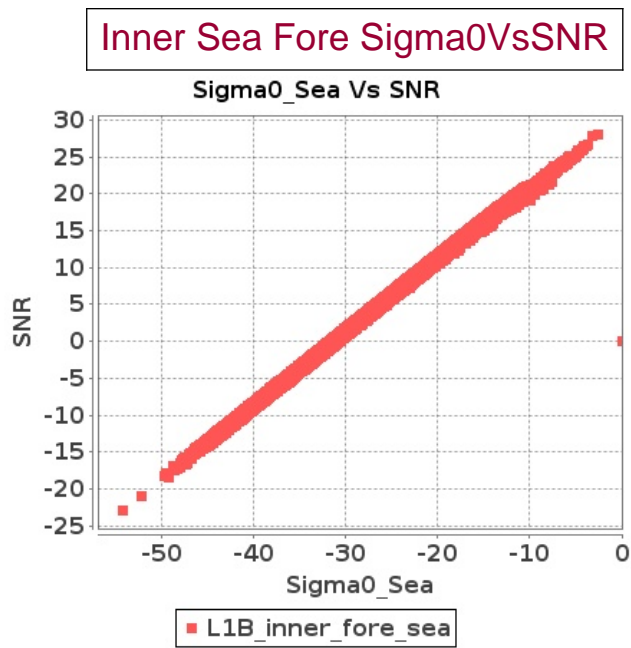
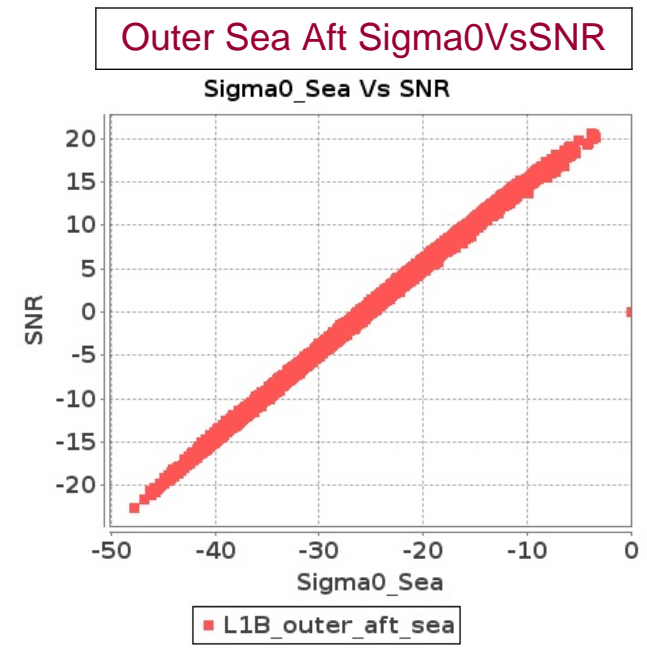
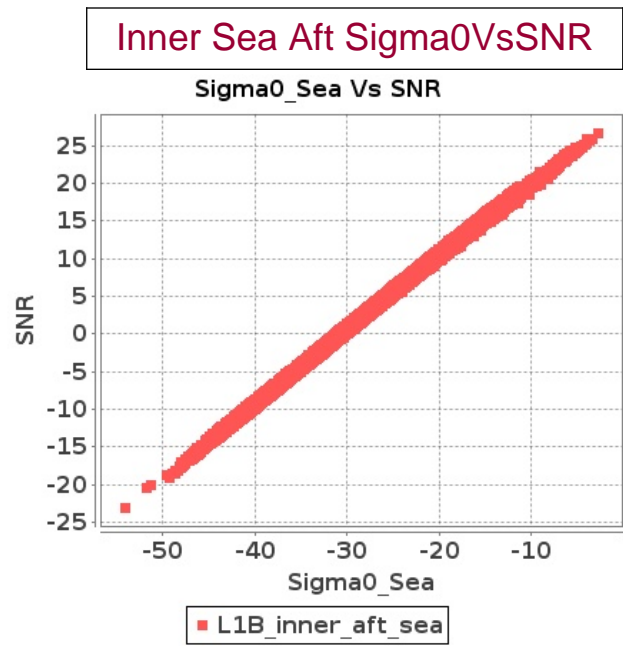
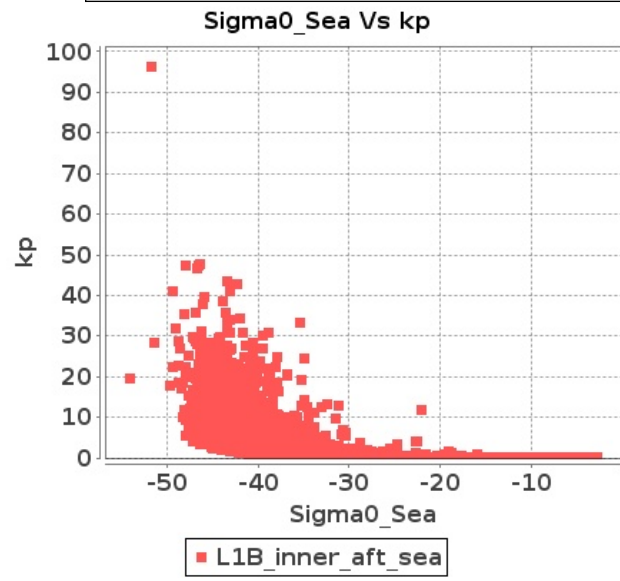


SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

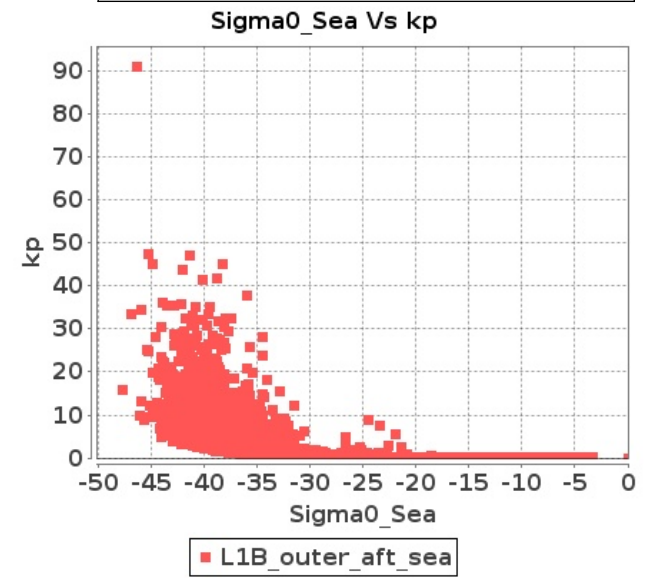
Report between 13-FEB-2019 To 14-FEB-2019



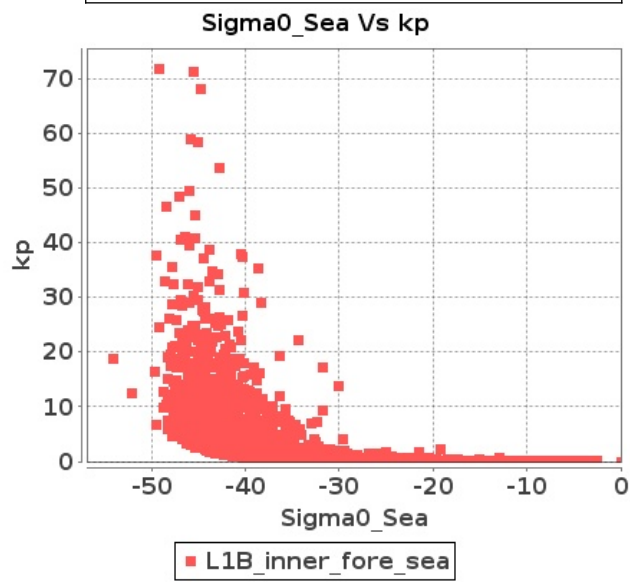
Inner Sea Aft Sigma0VsKp



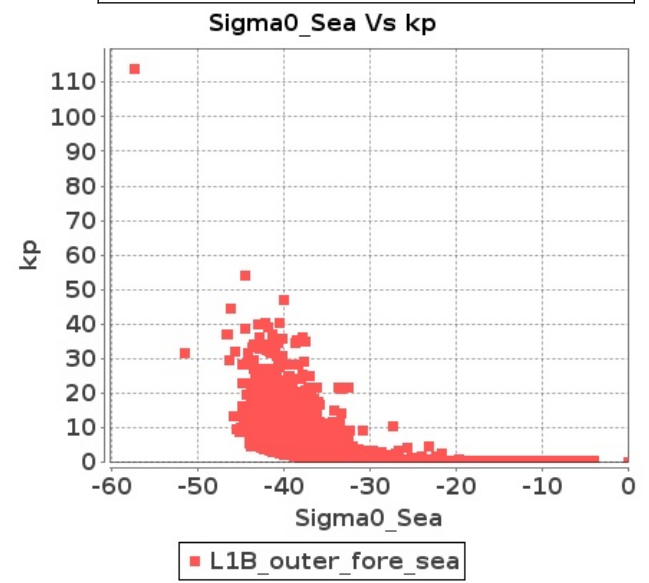
Outer Sea Aft Sigma0VsKp



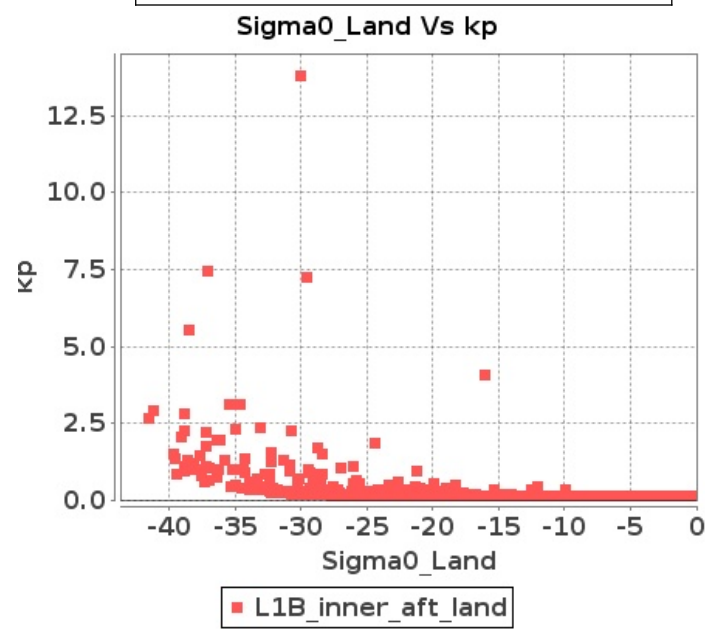
Inner Sea Fore Sigma0VsKp



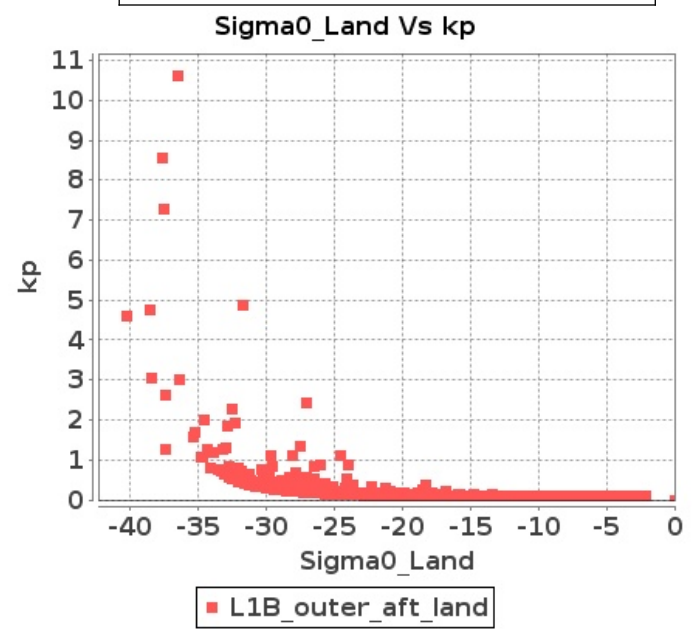
Outer Sea Fore Sigma0VsKp



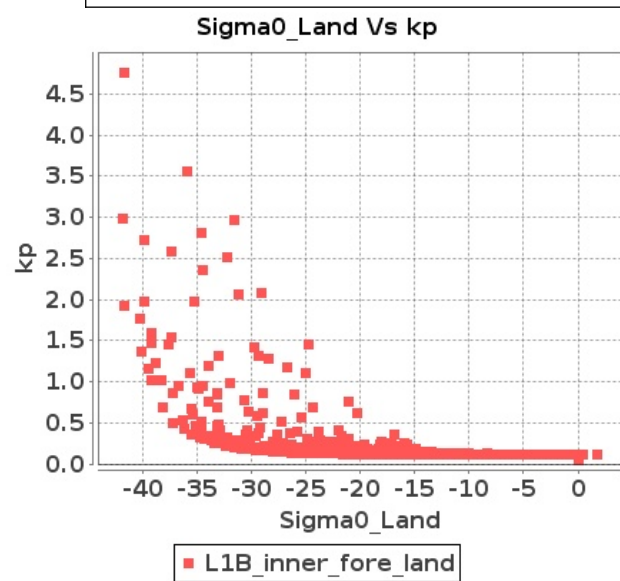
Inner Land Aft Sigma0VsKp



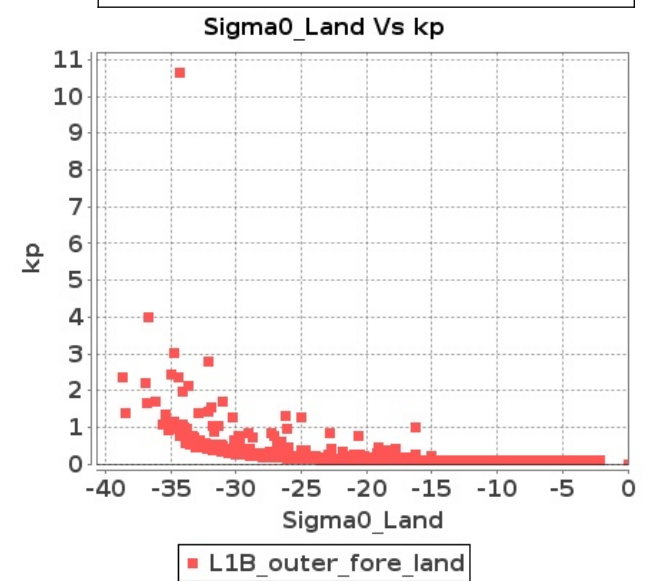
Outer Land Aft Sigma0VsKp



Inner Land Fore Sigma0VsKp



Outer Land Fore Sigma0VsKp



SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 13-FEB-2019 To 14-FEB-2019

| | | | | | Inner | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 12612 | 12613 | SN | 1 | 48.677 | 49.482 | 0.0 | 0.0 | 58.597 | 2.544 | 1022.104 | 1098.928 | 12.498 | -91.812 | -89.804 | 0.0 |
| 2 | 12612 | 12613 | SN | 1 | 48.695 | 49.482 | 0.0 | 0.0 | 58.597 | 2.702 | 1022.584 | 1098.928 | 12.315 | -91.812 | -89.804 | 0.0 |
| 3 | 12612 | 12613 | SN | 1 | 48.677 | 49.482 | 0.0 | 0.0 | 58.597 | 2.705 | 1022.104 | 1098.928 | 12.328 | -91.812 | -89.804 | 0.0 |
| 4 | 12612 | 12613 | NS | 1 | 48.682 | 49.484 | 0.0 | 0.0 | 267.058 | 2.898 | 1030.536 | 1098.856 | 11.037 | -91.913 | -89.831 | 0.0 |
| 5 | 12613 | 12614 | NS | 1 | 48.682 | 49.422 | 0.0 | 0.003 | 266.887 | 2.624 | 1030.712 | 1099.04 | 10.526 | -91.943 | -89.795 | 0.0 |
| 6 | 12613 | 12614 | SN | 1 | 48.684 | 49.534 | 0.0 | 0.0 | 166.928 | 2.7 | 1022.224 | 1099.08 | 12.776 | -91.836 | -89.772 | 0.0 |
| 7 | 12613 | 12614 | SN | 2 | 48.684 | 49.534 | 0.0 | 0.0 | 166.928 | 2.7 | 1022.224 | 1099.08 | 12.776 | -91.836 | -89.772 | 0.0 |
| 8 | 12613 | 12614 | SN | 1 | 48.684 | 49.534 | 0.0 | 0.0 | 166.928 | 2.7 | 1022.224 | 1099.08 | 12.776 | -91.836 | -89.772 | 0.0 |
| 9 | 12613 | 12614 | NS | 1 | 48.682 | 49.422 | 0.0 | 0.003 | 266.887 | 2.622 | 1030.712 | 1099.056 | 10.533 | -91.944 | -89.795 | 0.0 |
| 10 | 12614 | 12615 | NS | 1 | 48.683 | 49.424 | 0.0 | 0.0 | 267.174 | 2.757 | 1030.848 | 1099.08 | 10.714 | -91.819 | -89.782 | 0.0 |
| 11 | 12614 | 12615 | SN | 1 | 48.7 | 49.481 | 0.0 | 0.0 | 215.78 | 2.568 | 1022.288 | 1099.136 | 13.7 | -91.836 | -89.804 | 0.0 |
| 12 | 12614 | 12615 | SN | 1 | 48.7 | 49.481 | 0.0 | 0.0 | 215.78 | 2.708 | 1022.288 | 1099.136 | 13.548 | -91.836 | -89.804 | 0.0 |
| 13 | 12614 | 12615 | SN | 1 | 48.7 | 49.481 | 0.0 | 0.0 | 215.78 | 2.543 | 1022.288 | 1099.136 | 13.727 | -91.836 | -89.804 | 0.0 |
| 14 | 12614 | 12615 | NS | 2 | 48.683 | 49.424 | 0.0 | 0.0 | 267.174 | 2.702 | 1030.848 | 1099.08 | 10.758 | -91.849 | -89.782 | 0.0 |
| 15 | 12615 | 12616 | NS | 2 | 48.641 | 49.478 | 0.0 | 0.003 | 43.638 | 2.414 | 1030.208 | 1098.976 | 10.615 | -91.886 | -89.818 | 0.0 |
| 16 | 12615 | 12616 | SN | 1 | 48.696 | 49.48 | 0.0 | 0.0 | 215.554 | 2.855 | 1022.168 | 1099.024 | 13.818 | -91.824 | -89.79 | 0.0 |
| 17 | 12615 | 12616 | SN | 1 | 48.67 | 49.479 | 0.0 | 0.0 | 215.554 | 2.562 | 1022.16 | 1098.928 | 12.806 | -91.794 | -89.79 | 0.0 |
| 18 | 12615 | 12616 | NS | 1 | 48.64 | 49.465 | 0.0 | 0.0 | 264.362 | 2.746 | 1030.2 | 1098.984 | 10.458 | -91.886 | -89.818 | 0.0 |
| 19 | 12616 | 12617 | NS | 1 | 48.684 | 49.462 | 0.0 | 0.003 | 42.352 | 2.342 | 1031.056 | 1098.848 | 11.049 | -92.489 | -89.845 | 0.0 |
| 20 | 12616 | 12617 | SN | 1 | 48.654 | 49.478 | 0.0 | 0.003 | 5.118 | 2.116 | 1021.072 | 1098.768 | 12.543 | -92.125 | -89.808 | 0.0 |
| 21 | 12617 | 12618 | SN | 1 | 48.673 | 49.539 | 0.0 | 0.003 | 6.872 | 2.62 | 1021.504 | 1098.752 | 13.318 | -91.839 | -89.806 | 0.0 |
| 22 | 12617 | 12618 | NS | 1 | 48.621 | 49.49 | 0.0 | 0.003 | 15.999 | 2.661 | 1030.088 | 1098.704 | 10.313 | -91.879 | -89.831 | 0.0 |
| 23 | 12618 | 12619 | NS | 1 | 48.665 | 49.422 | 0.0 | 0.003 | 13.468 | 2.574 | 1030.88 | 1098.72 | 9.628 | -91.863 | -89.855 | 0.0 |
| 24 | 12618 | 12619 | NS | 1 | 48.677 | 49.431 | 0.0 | 0.003 | 6.883 | 2.302 | 1031.12 | 1098.688 | 9.805 | -91.888 | -89.855 | 0.0 |
| 25 | 12618 | 12619 | SN | 1 | 48.697 | 49.488 | 0.0 | 0.0 | 192.893 | 2.775 | 1022.256 | 1098.624 | 10.294 | -94.375 | -89.797 | 0.0 |
| 26 | 12618 | 12619 | SN | 1 | 48.685 | 49.49 | 0.0 | 0.0 | 192.887 | 2.38 | 1021.664 | 1098.752 | 12.412 | -94.375 | -89.797 | 0.0 |
| 27 | 12618 | 12619 | SN | 1 | 48.685 | 49.49 | 0.0 | 0.0 | 192.887 | 2.893 | 1021.664 | 1098.752 | 12.023 | -94.375 | -89.797 | 0.0 |
| 28 | 12619 | 12620 | NS | 1 | 48.684 | 49.443 | 0.0 | 0.0 | 210.508 | 2.736 | 1031.032 | 1098.832 | 9.632 | -91.973 | -89.844 | 0.0 |
| 29 | 12619 | 12620 | SN | 1 | 48.7 | 49.48 | 0.0 | 0.003 | 28.499 | 2.632 | 1022.392 | 1098.904 | 12.831 | -92.102 | -89.753 | 0.0 |
| 30 | 12619 | 12620 | SN | 1 | 48.699 | 49.478 | 0.0 | 0.003 | 28.499 | 1.177 | 1022.376 | 1098.52 | 11.07 | -91.826 | -89.753 | 0.0 |
| 31 | 12619 | 12620 | NS | 1 | 48.685 | 49.474 | 0.0 | 0.003 | 206.824 | 2.187 | 1031.056 | 1098.8 | 9.933 | -91.716 | -89.845 | 0.0 |
| 32 | 12619 | 12620 | SN | 1 | 48.7 | 49.48 | 0.0 | 0.003 | 28.499 | 1.594 | 1022.392 | 1098.904 | 13.94 | -92.102 | -89.753 | 0.0 |

| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
|--------------------------|------------|-----------|------------|--------|----------|
| | Min | 47.1 | 0.0 | 1025.0 | -100.0 |
| | Max | 49.9 | 0.0 | 1095.7 | -80.0 |

- Normal
- Deviations
- Alarming
- High Errors





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|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 33 | 12620 | 12621 | NS | 1 | 48.669 | 49.459 | 0.0 | 0.0 | 266.711 | 2.828 | 1031.2 | 1098.784 | 10.63 | -91.892 | -89.846 | 0.0 |
| 34 | 12620 | 12621 | SN | 1 | 48.7 | 49.478 | 0.0 | 0.003 | 6.877 | 2.562 | 1022.4 | 1098.824 | 12.672 | -91.811 | -89.737 | 0.0 |
| 35 | 12620 | 12621 | SN | 2 | 48.7 | 49.478 | 0.0 | 0.003 | 6.877 | 2.562 | 1022.4 | 1098.824 | 12.672 | -91.811 | -89.737 | 0.0 |
| 36 | 12620 | 12621 | NS | 1 | 48.685 | 49.463 | 0.0 | 0.0 | 266.711 | 2.823 | 1031.208 | 1099.448 | 10.641 | -91.869 | -89.846 | 0.0 |
| 37 | 12621 | 12622 | NS | 2 | 48.688 | 49.423 | 0.0 | 0.0 | 267.058 | 2.784 | 1031.432 | 1099.232 | 10.453 | -91.891 | -89.839 | 0.0 |
| 38 | 12621 | 12622 | NS | 1 | 48.688 | 49.423 | 0.0 | 0.0 | 267.058 | 2.784 | 1031.432 | 1099.232 | 10.453 | -91.891 | -89.839 | 0.0 |
| 39 | 12621 | 12622 | SN | 1 | 48.674 | 49.482 | 0.0 | 0.003 | 29.227 | 2.528 | 1021.68 | 1098.664 | 12.251 | -91.86 | -89.772 | 0.0 |
| 40 | 12622 | 12623 | SN | 1 | 48.7 | 49.511 | 0.0 | 0.0 | 194.724 | 2.853 | 1022.152 | 1098.688 | 14.038 | -91.794 | -89.797 | 0.0 |
| 41 | 12622 | 12623 | NS | 1 | 48.688 | 49.49 | 0.0 | 0.0 | 95.586 | 2.711 | 1031.416 | 1099.176 | 8.805 | -93.22 | -89.834 | 0.0 |
| 42 | 12623 | 12624 | NS | 1 | 48.686 | 49.586 | 0.0 | 0.0 | 93.987 | 2.988 | 1031.312 | 1099.44 | 10.382 | -94.043 | -89.844 | 0.0 |
| 43 | 12623 | 12624 | SN | 1 | 48.694 | 49.478 | 0.0 | 0.003 | 5.824 | 2.485 | 1022.064 | 1098.6 | 13.288 | -91.413 | -89.786 | 0.0 |
| 44 | 12624 | 12625 | SN | 1 | 48.655 | 49.533 | 0.0 | 0.003 | 214.567 | 2.594 | 1020.928 | 1098.752 | 14.601 | -91.842 | -89.804 | 0.0 |
| 45 | 12624 | 12625 | SN | 1 | 48.651 | 49.525 | 0.0 | 0.003 | 27.241 | 2.329 | 1020.936 | 1098.56 | 12.37 | -91.792 | -89.804 | 0.0 |
| 46 | 12624 | 12625 | NS | 1 | 48.454 | 49.454 | 0.0 | 0.0 | 206.746 | 2.8 | 1027.416 | 1098.72 | 10.645 | -92.212 | -89.848 | 0.0 |
| 47 | 12625 | 12626 | SN | 1 | 48.7 | 49.479 | 0.0 | 0.003 | 28.278 | 2.106 | 1022.096 | 1098.608 | 13.011 | -91.842 | -89.806 | 0.0 |
| 48 | 12625 | 12626 | NS | 1 | 48.638 | 49.422 | 0.0 | 0.003 | 264.395 | 2.269 | 1030.352 | 1098.776 | 11.197 | -91.638 | -89.858 | 0.0 |
| 49 | 12625 | 12626 | SN | 1 | 48.669 | 49.532 | 0.0 | 0.003 | 28.278 | 1.582 | 1021.504 | 1098.8 | 15.933 | -91.864 | -89.806 | 0.0 |
| 50 | 12625 | 12626 | NS | 1 | 48.649 | 49.422 | 0.0 | 0.0 | 264.395 | 1.671 | 1030.576 | 1096.328 | 0.23 | -91.532 | -89.858 | 0.0 |
| 51 | 12625 | 12626 | NS | 1 | 48.649 | 49.422 | 0.0 | 0.0 | 264.395 | 2.737 | 1030.576 | 1098.784 | 11.008 | -91.532 | -89.858 | 0.0 |
| 52 | 12626 | 12627 | SN | 1 | 48.487 | 49.537 | 0.0 | 0.0 | 246.394 | 2.219 | 1018.704 | 1098.624 | 13.881 | -93.784 | -89.796 | 0.0 |
| 53 | 12626 | 12627 | SN | 1 | 48.487 | 49.537 | 0.0 | 0.0 | 246.394 | 2.204 | 1018.704 | 1098.624 | 13.892 | -93.784 | -89.796 | 0.0 |
| 54 | 12626 | 12627 | NS | 1 | 48.686 | 49.716 | 0.0 | 0.0 | 171.632 | 3.375 | 1031.32 | 1098.672 | 11.378 | -92.427 | -89.837 | 0.0 |
| 55 | 12626 | 12627 | NS | 1 | 48.686 | 49.716 | 0.0 | 0.0 | 171.632 | 3.159 | 1031.312 | 1098.68 | 11.371 | -92.427 | -89.837 | 0.0 |
| 56 | 12627 | 12628 | SN | 1 | 48.699 | 49.477 | 0.0 | 0.0 | 110.245 | 2.533 | 1022.0 | 1098.64 | 14.239 | -91.812 | -89.787 | 0.0 |
| 57 | 12627 | 12628 | SN | 1 | 48.699 | 49.477 | 0.0 | 0.0 | 110.245 | 2.677 | 1022.0 | 1098.64 | 14.049 | -91.812 | -89.787 | 0.0 |
| 58 | 12627 | 12628 | SN | 1 | 48.699 | 49.477 | 0.0 | 0.0 | 110.245 | 2.677 | 1022.0 | 1098.64 | 14.049 | -91.812 | -89.787 | 0.0 |
| 59 | 12627 | 12628 | NS | 1 | 48.687 | 49.436 | 0.0 | 0.0 | 190.709 | 2.684 | 1031.56 | 1098.664 | 10.773 | -92.043 | -89.839 | 0.0 |
| 60 | 12627 | 12628 | NS | 1 | 48.687 | 49.436 | 0.0 | 0.0 | 190.709 | 2.695 | 1031.56 | 1098.664 | 10.762 | -92.066 | -89.839 | 0.0 |
| 61 | 12628 | 12629 | NS | 2 | 48.688 | 49.424 | 0.0 | 0.003 | 206.818 | 2.516 | 1031.744 | 1098.792 | 10.598 | -91.8 | -89.786 | 0.0 |
| 62 | 12628 | 12629 | SN | 1 | 48.635 | 49.476 | 0.0 | 0.0 | 76.636 | 2.482 | 1020.776 | 1098.784 | 14.717 | -91.628 | -89.78 | 0.0 |
| 63 | 12628 | 12629 | SN | 1 | 48.635 | 49.476 | 0.0 | 0.0 | 76.636 | 2.48 | 1021.08 | 1098.784 | 14.702 | -91.628 | -89.78 | 0.0 |
| 64 | 12628 | 12629 | NS | 1 | 48.688 | 49.424 | 0.0 | 0.003 | 206.818 | 2.516 | 1031.752 | 1098.784 | 10.593 | -91.8 | -89.786 | 0.0 |
| 65 | 12629 | 12630 | SN | 1 | 48.643 | 49.475 | 0.0 | 0.003 | 6.651 | 2.29 | 1020.944 | 1098.688 | 15.341 | -91.846 | -89.802 | 0.0 |
| 66 | 12629 | 12630 | SN | 1 | 48.643 | 49.475 | 0.0 | 0.003 | 6.651 | 2.489 | 1020.944 | 1098.688 | 15.133 | -91.846 | -89.802 | 0.0 |
| 67 | 12629 | 12630 | NS | 1 | 48.69 | 49.435 | 0.0 | 0.0 | 255.874 | 2.699 | 1031.88 | 1098.72 | 10.759 | -91.923 | -89.834 | 0.0 |
| 68 | 12630 | 12631 | SN | 1 | 48.696 | 49.504 | 0.0 | 0.003 | 6.353 | 2.091 | 1021.512 | 1098.52 | 15.164 | -91.757 | -89.803 | 0.0 |
| 69 | 12630 | 12631 | NS | 1 | 48.69 | 49.482 | 0.0 | 0.0 | 206.829 | 2.927 | 1031.992 | 1098.552 | 10.886 | -91.917 | -89.831 | 0.0 |

| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
|--------------------------|------------|-----------|------------|--------|----------|
| | Min | 47.1 | 0.0 | 1025.0 | -100.0 |
| | Max | 49.9 | 0.0 | 1095.7 | -80.0 |

| | |
|--|---|
|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 70 | 12632 | 12633 | NS | 1 | 48.652 | 49.491 | 0.0 | 0.0 | 220.385 | 2.871 | 1031.904 | 1098.344 | 9.451 | -91.976 | -89.857 | 0.0 |
| 71 | 12632 | 12633 | SN | 1 | 48.669 | 49.535 | 0.0 | 0.003 | 6.679 | 2.611 | 1021.424 | 1098.32 | 13.485 | -91.939 | -89.784 | 0.0 |
| 72 | 12632 | 12633 | SN | 1 | 48.63 | 49.535 | 0.0 | 0.003 | 6.679 | 1.746 | 1021.424 | 1098.32 | 14.255 | -91.939 | -89.784 | 0.0 |
| 73 | 12633 | 12634 | SN | 1 | 48.688 | 49.474 | 0.0 | 0.0 | 258.185 | 1.628 | 1021.232 | 1098.424 | 15.079 | -91.944 | -89.783 | 0.0 |
| 74 | 12633 | 12634 | NS | 1 | 48.69 | 49.445 | 0.0 | 0.0 | 206.713 | 2.713 | 1032.008 | 1098.456 | 9.525 | -91.917 | -89.864 | 0.0 |
| 75 | 12633 | 12634 | SN | 1 | 48.688 | 49.474 | 0.0 | 0.0 | 258.185 | 2.784 | 1021.232 | 1098.424 | 14.11 | -91.944 | -89.783 | 0.0 |
| 76 | 12634 | 12635 | NS | 1 | 48.684 | 49.73 | 0.0 | 0.0 | 210.364 | 2.775 | 1032.048 | 1104.936 | 10.292 | -94.372 | -89.845 | 0.0 |

| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
|--------------------------|------------|-----------|------------|--------|----------|
| | Min | 47.1 | 0.0 | 1025.0 | -100.0 |
| | Max | 49.9 | 0.0 | 1095.7 | -80.0 |

| | |
|--|---|
|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | Inner | | | | | | | | | | | | | | | | | | | | | | | |
|------|-------------|-----------|------|------|---------|--------|------------|----------|--------|------------|----------|--------|------------|-----------|--------|------------|---------|---------|------------|----------|---------|------------|----------|---------|------------|-----------|--------|------------|
| | | | | | SNR | | | | | | | | | | | | Kp | | | | | | | | | | | |
| | | | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | |
| SrNo | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 12612 | 12613 | SN | 1 | -33.89 | 28.348 | 2.432 | -34.535 | 28.425 | 5.815 | -4.822 | 34.922 | 15.558 | 0.136 | 30.52 | 22.875 | 0.116 | 237.375 | 4.251 | 0.116 | 275.439 | 3.511 | 0.116 | 0.39 | 0.0 | 0.116 | 0.197 | 0.0 |
| 2 | 12612 | 12613 | SN | 1 | -34.753 | 28.348 | 3.476 | -34.32 | 28.425 | 5.699 | -4.823 | 34.922 | 15.557 | 0.135 | 30.52 | 22.987 | 0.116 | 289.61 | 4.114 | 0.116 | 262.112 | 3.404 | 0.116 | 0.39 | 0.0 | 0.116 | 0.197 | 0.0 |
| 3 | 12612 | 12613 | SN | 1 | -33.89 | 28.348 | 3.478 | -34.535 | 28.425 | 5.7 | -4.822 | 34.922 | 15.557 | 0.136 | 30.52 | 22.875 | 0.116 | 237.375 | 4.123 | 0.116 | 275.439 | 3.411 | 0.116 | 0.39 | 0.0 | 0.116 | 0.197 | 0.0 |
| 4 | 12612 | 12613 | NS | 1 | -34.85 | 27.939 | 1.232 | -34.326 | 28.034 | 0.279 | 7.486 | 32.856 | 22.292 | 4.589 | 35.926 | 40.591 | 0.116 | 296.156 | 5.296 | 0.116 | 262.428 | 5.041 | 0.116 | 0.13 | 0.0 | 0.116 | 0.143 | 0.0 |
| 5 | 12613 | 12614 | NS | 1 | -34.575 | 26.745 | 0.25 | -34.645 | 27.311 | 0.038 | -5.719 | 33.398 | 10.907 | -1.446 | 33.547 | 26.627 | 0.116 | 277.964 | 6.636 | 0.116 | 282.413 | 6.432 | 0.116 | 0.457 | 0.0 | 0.116 | 0.236 | 0.0 |
| 6 | 12613 | 12614 | SN | 1 | -34.823 | 28.437 | 2.444 | -34.326 | 28.364 | 3.407 | 6.185 | 30.11 | 12.077 | 7.062 | 29.368 | 15.508 | 0.116 | 294.246 | 3.726 | 0.116 | 262.492 | 2.818 | 0.116 | 0.134 | 0.0 | 0.116 | 0.131 | 0.0 |
| 7 | 12613 | 12614 | SN | 2 | -34.823 | 28.437 | 2.444 | -34.326 | 28.364 | 3.407 | 6.185 | 30.11 | 12.077 | 7.062 | 29.368 | 15.508 | 0.116 | 294.246 | 3.726 | 0.116 | 262.492 | 2.818 | 0.116 | 0.134 | 0.0 | 0.116 | 0.131 | 0.0 |
| 8 | 12613 | 12614 | SN | 1 | -34.823 | 28.437 | 2.449 | -34.326 | 28.364 | 3.421 | 6.185 | 30.11 | 12.079 | 7.062 | 29.368 | 15.506 | 0.116 | 294.246 | 3.726 | 0.116 | 262.492 | 2.818 | 0.116 | 0.134 | 0.0 | 0.116 | 0.131 | 0.0 |
| 9 | 12613 | 12614 | NS | 1 | -34.447 | 26.745 | 0.25 | -34.645 | 27.31 | 0.038 | -5.719 | 33.4 | 10.907 | -1.446 | 33.547 | 26.629 | 0.116 | 269.82 | 6.624 | 0.116 | 282.413 | 6.418 | 0.116 | 0.457 | 0.0 | 0.116 | 0.236 | 0.0 |
| 10 | 12614 | 12615 | NS | 1 | -34.864 | 26.473 | 0.414 | -34.965 | 27.034 | 0.407 | -14.023 | 28.874 | 11.325 | -13.96 | 29.251 | 21.411 | 0.116 | 297.132 | 5.306 | 0.116 | 304.102 | 4.242 | 0.116 | 2.537 | 0.005 | 0.116 | 2.502 | 0.006 |
| 11 | 12614 | 12615 | SN | 1 | -33.099 | 25.721 | 0.682 | -32.42 | 27.337 | 0.777 | 6.694 | 27.806 | 22.6 | 7.56 | 28.742 | 24.365 | 0.116 | 197.875 | 0.497 | 0.116 | 169.267 | 0.303 | 0.116 | 0.132 | 0.0 | 0.116 | 0.129 | 0.0 |
| 12 | 12614 | 12615 | SN | 1 | -33.099 | 25.721 | 0.685 | -32.42 | 27.337 | 0.768 | 6.694 | 27.806 | 22.6 | 7.56 | 28.742 | 24.351 | 0.116 | 197.875 | 0.491 | 0.116 | 169.267 | 0.299 | 0.116 | 0.132 | 0.0 | 0.116 | 0.129 | 0.0 |
| 13 | 12614 | 12615 | SN | 1 | -33.099 | 25.721 | 0.681 | -32.42 | 27.337 | 0.777 | 6.694 | 27.806 | 22.589 | 7.56 | 28.742 | 24.365 | 0.116 | 197.875 | 0.499 | 0.116 | 169.267 | 0.303 | 0.116 | 0.132 | 0.0 | 0.116 | 0.129 | 0.0 |
| 14 | 12614 | 12615 | NS | 2 | -34.864 | 26.473 | 0.419 | -34.965 | 27.034 | 0.429 | -14.023 | 28.874 | 11.358 | -13.96 | 29.251 | 21.422 | 0.116 | 297.132 | 5.306 | 0.116 | 304.102 | 4.241 | 0.116 | 2.537 | 0.005 | 0.116 | 2.502 | 0.006 |
| 15 | 12615 | 12616 | NS | 2 | -33.43 | 26.414 | 0.372 | -34.816 | 27.059 | 0.404 | -11.717 | 30.41 | 5.965 | -14.141 | 32.673 | 12.676 | 0.116 | 213.572 | 2.524 | 0.116 | 293.863 | 2.718 | 0.116 | 1.529 | 0.001 | 0.116 | 2.604 | 0.001 |
| 16 | 12615 | 12616 | SN | 1 | -34.114 | 25.826 | 0.66 | -34.102 | 27.006 | 0.721 | 5.812 | 27.49 | 18.889 | 2.042 | 28.394 | 20.159 | 0.116 | 249.95 | 1.915 | 0.116 | 249.242 | 1.66 | 0.116 | 0.136 | 0.0 | 0.116 | 0.167 | 0.0 |
| 17 | 12615 | 12616 | SN | 1 | -34.533 | 25.894 | 0.665 | -34.391 | 27.005 | 0.715 | 5.806 | 27.49 | 16.959 | 2.039 | 28.392 | 23.427 | 0.116 | 275.331 | 1.897 | 0.116 | 266.416 | 1.666 | 0.116 | 0.136 | 0.0 | 0.116 | 0.167 | 0.0 |
| 18 | 12615 | 12616 | NS | 1 | -34.311 | 26.414 | 0.364 | -34.264 | 27.057 | 0.388 | -12.226 | 30.411 | 5.964 | -14.292 | 32.673 | 12.687 | 0.116 | 261.542 | 2.467 | 0.116 | 277.147 | 2.645 | 0.116 | 1.708 | 0.001 | 0.116 | 2.693 | 0.001 |
| 19 | 12616 | 12617 | NS | 1 | -34.973 | 23.829 | 0.024 | -33.916 | 23.796 | 0.087 | -6.245 | 31.974 | 8.029 | -5.328 | 29.375 | 14.92 | 0.116 | 304.574 | 4.191 | 0.116 | 238.852 | 3.512 | 0.116 | 0.503 | 0.0 | 0.116 | 0.426 | 0.0 |
| 20 | 12616 | 12617 | SN | 1 | -34.959 | 26.355 | 0.424 | -34.434 | 26.131 | 0.499 | 5.334 | 27.552 | 22.994 | 7.43 | 28.733 | 39.18 | 0.116 | 303.618 | 3.109 | 0.116 | 269.083 | 1.965 | 0.116 | 0.139 | 0.0 | 0.116 | 0.13 | 0.0 |
| 21 | 12617 | 12618 | SN | 1 | -34.64 | 24.257 | 0.041 | -34.911 | 25.023 | 0.096 | 5.454 | 27.263 | 24.06 | 7.364 | 28.162 | 46.208 | 0.116 | 282.183 | 2.325 | 0.116 | 300.258 | 1.978 | 0.116 | 0.138 | 0.0 | 0.116 | 0.13 | 0.0 |
| 22 | 12617 | 12618 | NS | 1 | -34.843 | 25.314 | 0.857 | -34.857 | 25.303 | 1.16 | -10.758 | 33.06 | 7.999 | -5.099 | 31.274 | 14.087 | 0.116 | 295.587 | 3.2 | 0.116 | 296.615 | 2.849 | 0.116 | 1.245 | 0.002 | 0.116 | 0.409 | 0.0 |
| 23 | 12618 | 12619 | NS | 1 | -34.914 | 27.549 | 0.715 | -34.379 | 28.934 | 1.028 | 5.614 | 28.692 | 13.435 | 7.081 | 29.758 | 22.58 | 0.116 | 300.538 | 2.005 | 0.116 | 265.705 | 2.265 | 0.116 | 0.137 | 0.0 | 0.116 | 0.131 | 0.0 |
| 24 | 12618 | 12619 | NS | 1 | -34.56 | 27.546 | 0.716 | -34.427 | 28.934 | 1.007 | 5.618 | 28.688 | 13.387 | 7.075 | 29.758 | 22.559 | 0.116 | 276.977 | 2.03 | 0.116 | 268.566 | 2.295 | 0.116 | 0.137 | 0.0 | 0.116 | 0.131 | 0.0 |
| 25 | 12618 | 12619 | SN | 1 | -33.679 | 24.729 | 0.166 | -34.734 | 25.436 | 0.256 | -6.022 | 36.383 | 13.849 | -2.626 | 31.171 | 18.694 | 0.116 | 226.163 | 1.493 | 0.116 | 288.319 | 1.173 | 0.116 | 0.482 | 0.0 | 0.116 | 0.276 | 0.0 |
| 26 | 12618 | 12619 | SN | 1 | -34.768 | 24.731 | 0.182 | -34.903 | 25.436 | 0.256 | -6.024 | 36.383 | 13.371 | -2.626 | 31.141 | 19.994 | 0.116 | 290.579 | 1.59 | 0.116 | 299.713 | 1.283 | 0.116 | 0.483 | 0.0 | 0.116 | 0.276 | 0.0 |
| 27 | 12618 | 12619 | SN | 1 | -34.768 | 24.731 | 0.174 | -34.903 | 25.436 | 0.265 | -6.024 | 36.383 | 13.285 | -2.626 | 31.141 | 20.049 | 0.116 | 290.579 | 1.525 | 0.116 | 299.713 | 1.242 | 0.116 | 0.483 | 0.0 | 0.116 | 0.276 | 0.0 |
| 28 | 12619 | 12620 | NS | 1 | -33.766 | 26.315 | 1.181 | -34.226 | 27.045 | 1.462 | -32.241 | 30.247 | 17.397 | -17.533 | 30.077 | 30.419 | 0.116 | 230.709 | 1.106 | 0.116 | 256.431 | 0.863 | 0.116 | 162.413 | 0.016 | 0.116 | 5.58 | 0.005 |
| 29 | 12619 | 12620 | SN | 1 | -34.759 | 26.828 | 0.503 | -33.695 | 27.596 | 0.866 | -5.194 | 33.301 | 15.319 | -3.856 | 31.404 | 20.784 | 0.116 | 289.943 | 3.967 | 0.116 | 226.976 | 3.101 | 0.116 | 0.416 | 0.0 | 0.116 | 0.333 | 0.0 |
| 30 | 12619 | 12620 | SN | 1 | -34.718 | 26.822 | 0.518 | -34.445 | 27.596 | 0.505 | -5.181 | 33.301 | 15.54 | -3.86 | 31.401 | 18.082 | 0.116 | 287.246 | 4.284 | 0.116 | 269.732 | 3.274 | 0.116 | 0.415 | 0.0 | 0.116 | 0.333 | 0.0 |
| 31 | 12619 | 12620 | NS | 1 | -34.759 | 26.31 | 1.189 | -33.664 | 27.04 | 1.264 | -29.124 | 30.25 | 17.391 | -17.543 | 30.076 | 30.162 | 0.116 | 289.939 | 1.131 | 0.116 | 225.374 | 0.867 | 0.116 | 79.276 | 0.018 | 0.116 | 5.592 | 0.005 |
| 32 | 12619 | 12620 | SN | 1 | -34.759 | 26.828 | 0.556 | -33.695 | 27.596 | 0.506 | -5.194 | 33.301 | 16.147 | -3.856 | 31.404 | 20.726 | 0.116 | 289.943 | 4.307 | 0.116 | 226.976 | 3.553 | 0.116 | 0.416 | 0.0 | 0.116 | 0.333 | 0.0 |
| 33 | 12620 | 12621 | NS | 1 | -34.8 | 29.126 | 1.352 | -34.916 | 28.795 | 1.519 | -0.088 | 29.891 | 29.249 | -27.137 | 30.188 | 47.411 | 0.116 | 292.726 | 3.225 | 0.116 | 300.556 | 3.235 | 0.116 | 0.202 | 0.0 | 0.116 | 50.209 | 0.013 |

| Parameter Specifications | Parameters | SNR | Kp |
|--------------------------|------------|-------|-----|
| | Min | -65.0 | 0.0 |
| | Max | 22.0 | 1.0 |

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 34 | 12620 | 12621 | SN | 1 | -34.894 | 27.282 | 0.499 | -34.679 | 28.236 | 1.369 | -32.595 | 28.779 | 16.042 | -1.199 | 29.93 | 17.086 | 0.116 | 299.162 | 9.933 | 0.116 | 284.646 | 8.462 | 0.116 | 176.209 | 0.005 | 0.116 | 0.229 | 0.0 |
| 35 | 12620 | 12621 | SN | 2 | -34.894 | 27.282 | 0.499 | -34.679 | 28.236 | 1.369 | -32.595 | 28.779 | 16.042 | -1.199 | 29.93 | 17.086 | 0.116 | 299.162 | 9.933 | 0.116 | 284.646 | 8.462 | 0.116 | 176.209 | 0.005 | 0.116 | 0.229 | 0.0 |
| 36 | 12620 | 12621 | NS | 1 | -34.232 | 29.126 | 1.353 | -34.768 | 28.793 | 1.52 | -0.091 | 29.891 | 29.055 | -17.57 | 30.188 | 47.367 | 0.116 | 256.788 | 3.223 | 0.116 | 290.557 | 3.236 | 0.116 | 0.202 | 0.0 | 0.116 | 5.628 | 0.01 |
| 37 | 12621 | 12622 | NS | 2 | -34.908 | 29.07 | 1.404 | -34.419 | 26.797 | 1.292 | 5.101 | 34.836 | 13.967 | 6.858 | 33.157 | 26.139 | 0.116 | 300.047 | 3.367 | 0.116 | 268.096 | 2.843 | 0.116 | 0.14 | 0.0 | 0.116 | 0.132 | 0.0 |
| 38 | 12621 | 12622 | NS | 1 | -34.908 | 29.07 | 1.404 | -34.419 | 26.797 | 1.292 | 5.101 | 34.836 | 13.967 | 6.858 | 33.157 | 26.139 | 0.116 | 300.047 | 3.367 | 0.116 | 268.096 | 2.843 | 0.116 | 0.14 | 0.0 | 0.116 | 0.132 | 0.0 |
| 39 | 12621 | 12622 | SN | 1 | -34.727 | 27.048 | 0.141 | -34.642 | 27.299 | 1.431 | -17.498 | 30.1 | 16.091 | -12.045 | 30.19 | 16.595 | 0.116 | 287.79 | 4.892 | 0.116 | 282.204 | 4.178 | 0.116 | 5.535 | 0.004 | 0.116 | 1.642 | 0.004 |
| 40 | 12622 | 12623 | SN | 1 | -34.106 | 25.605 | 0.214 | -34.371 | 25.526 | 2.889 | -20.074 | 29.284 | 14.183 | -21.031 | 30.447 | 13.355 | 0.116 | 249.487 | 3.842 | 0.116 | 265.2 | 2.878 | 0.116 | 9.944 | 0.006 | 0.116 | 12.378 | 0.012 |
| 41 | 12622 | 12623 | NS | 1 | -34.64 | 27.659 | 2.278 | -34.922 | 26.063 | 1.884 | 5.902 | 28.942 | 24.003 | 6.106 | 30.365 | 38.26 | 0.116 | 282.164 | 3.36 | 0.116 | 301.035 | 3.639 | 0.116 | 0.136 | 0.0 | 0.116 | 0.135 | 0.0 |
| 42 | 12623 | 12624 | NS | 1 | -34.86 | 26.929 | 1.781 | -33.579 | 27.094 | 1.241 | 11.761 | 28.317 | 31.874 | 12.202 | 29.423 | 46.443 | 0.116 | 296.75 | 2.939 | 0.116 | 220.991 | 2.997 | 0.116 | 0.121 | 0.0 | 0.116 | 0.12 | 0.0 |
| 43 | 12623 | 12624 | SN | 1 | -32.137 | 26.019 | 0.677 | -32.937 | 27.422 | 4.382 | -3.252 | 30.885 | 15.718 | -6.619 | 30.187 | 18.594 | 0.116 | 158.585 | 1.205 | 0.116 | 190.621 | 1.067 | 0.116 | 0.303 | 0.0 | 0.116 | 0.539 | 0.0 |
| 44 | 12624 | 12625 | SN | 1 | -34.993 | 26.352 | 0.528 | -34.872 | 27.262 | 2.984 | -2.359 | 28.714 | 36.406 | -1.602 | 29.698 | 46.181 | 0.116 | 305.978 | 6.325 | 0.116 | 297.629 | 5.43 | 0.116 | 0.266 | 0.0 | 0.116 | 0.241 | 0.0 |
| 45 | 12624 | 12625 | SN | 1 | -34.803 | 26.353 | 0.528 | -34.598 | 27.26 | 2.986 | -2.373 | 28.643 | 34.919 | -1.602 | 29.696 | 43.927 | 0.116 | 292.921 | 6.317 | 0.116 | 279.448 | 5.444 | 0.116 | 0.267 | 0.0 | 0.116 | 0.241 | 0.0 |
| 46 | 12624 | 12625 | NS | 1 | -34.863 | 25.037 | 1.471 | -34.844 | 24.084 | 0.146 | 8.416 | 28.683 | 29.553 | 8.131 | 29.265 | 41.921 | 0.116 | 296.975 | 1.873 | 0.116 | 295.739 | 1.97 | 0.116 | 0.127 | 0.0 | 0.116 | 0.128 | 0.0 |
| 47 | 12625 | 12626 | SN | 1 | -34.55 | 25.585 | 0.172 | -34.965 | 26.137 | 2.472 | 7.602 | 29.5 | 32.146 | 8.447 | 30.009 | 42.226 | 0.116 | 276.374 | 3.183 | 0.116 | 304.008 | 2.678 | 0.116 | 0.129 | 0.0 | 0.116 | 0.127 | 0.0 |
| 48 | 12625 | 12626 | NS | 1 | -34.657 | 27.54 | 1.365 | -33.667 | 27.617 | 0.262 | 7.211 | 28.612 | 18.768 | 8.413 | 29.87 | 29.381 | 0.116 | 283.3 | 0.984 | 0.116 | 225.503 | 0.707 | 0.116 | 0.13 | 0.0 | 0.116 | 0.127 | 0.0 |
| 49 | 12625 | 12626 | SN | 1 | -34.882 | 25.585 | 0.051 | -34.727 | 26.134 | 0.061 | 7.604 | 29.502 | 29.92 | 8.447 | 30.018 | 41.706 | 0.116 | 298.21 | 3.235 | 0.116 | 287.846 | 2.778 | 0.116 | 0.129 | 0.0 | 0.116 | 0.127 | 0.0 |
| 50 | 12625 | 12626 | NS | 1 | -34.843 | 24.639 | 1.569 | -34.55 | 27.605 | 0.367 | 8.345 | 28.609 | 5.381 | 8.431 | 27.698 | 5.602 | 0.116 | 295.653 | 0.995 | 0.116 | 276.341 | 0.692 | 0.116 | 0.127 | 0.0 | 0.116 | 0.127 | 0.0 |
| 51 | 12625 | 12626 | NS | 1 | -34.843 | 27.542 | 1.746 | -34.55 | 27.62 | 0.363 | 7.208 | 28.609 | 19.186 | 8.408 | 29.87 | 29.467 | 0.116 | 295.653 | 0.97 | 0.116 | 276.341 | 0.692 | 0.116 | 0.13 | 0.0 | 0.116 | 0.127 | 0.0 |
| 52 | 12626 | 12627 | SN | 1 | -34.693 | 26.222 | 1.895 | -34.801 | 26.237 | 4.825 | -5.038 | 28.826 | 14.799 | -1.847 | 29.689 | 25.104 | 0.116 | 285.628 | 3.026 | 0.116 | 292.805 | 2.341 | 0.116 | 0.405 | 0.0 | 0.116 | 0.248 | 0.0 |
| 53 | 12626 | 12627 | SN | 1 | -34.693 | 26.222 | 1.895 | -34.801 | 26.237 | 4.752 | -5.038 | 28.826 | 14.787 | -1.847 | 29.689 | 25.104 | 0.116 | 285.628 | 3.027 | 0.116 | 292.805 | 2.347 | 0.116 | 0.405 | 0.0 | 0.116 | 0.248 | 0.0 |
| 54 | 12626 | 12627 | NS | 1 | -34.954 | 27.549 | 1.751 | -34.454 | 27.908 | 0.402 | 2.799 | 29.455 | 19.157 | 1.062 | 29.146 | 32.422 | 0.116 | 303.303 | 2.87 | 0.116 | 270.304 | 2.501 | 0.116 | 0.158 | 0.0 | 0.116 | 0.181 | 0.0 |
| 55 | 12626 | 12627 | NS | 1 | -34.956 | 27.549 | 1.739 | -34.168 | 27.907 | 0.399 | 2.8 | 29.455 | 19.17 | 1.062 | 29.146 | 32.507 | 0.116 | 303.426 | 2.833 | 0.116 | 253.126 | 2.501 | 0.116 | 0.158 | 0.0 | 0.116 | 0.181 | 0.0 |
| 56 | 12627 | 12628 | SN | 1 | -34.885 | 27.868 | 2.553 | -33.14 | 28.94 | 4.255 | 5.215 | 32.464 | 11.069 | 6.332 | 29.664 | 11.473 | 0.116 | 298.432 | 4.432 | 0.116 | 199.747 | 3.953 | 0.116 | 0.139 | 0.0 | 0.116 | 0.134 | 0.0 |
| 57 | 12627 | 12628 | SN | 1 | -34.885 | 27.868 | 2.688 | -33.14 | 28.94 | 4.176 | 5.215 | 32.464 | 11.069 | 6.332 | 29.664 | 11.471 | 0.116 | 298.432 | 4.335 | 0.116 | 199.747 | 3.869 | 0.116 | 0.139 | 0.0 | 0.116 | 0.134 | 0.0 |
| 58 | 12627 | 12628 | SN | 1 | -34.885 | 27.868 | 2.688 | -33.14 | 28.94 | 4.176 | 5.215 | 32.464 | 11.069 | 6.332 | 29.664 | 11.471 | 0.116 | 298.432 | 4.335 | 0.116 | 199.747 | 3.869 | 0.116 | 0.139 | 0.0 | 0.116 | 0.134 | 0.0 |
| 59 | 12627 | 12628 | NS | 1 | -34.594 | 27.497 | 0.64 | -34.801 | 28.723 | 0.166 | 1.1 | 32.272 | 16.522 | 2.426 | 36.383 | 33.606 | 0.116 | 279.12 | 5.117 | 0.116 | 292.748 | 5.35 | 0.116 | 0.18 | 0.0 | 0.116 | 0.162 | 0.0 |
| 60 | 12627 | 12628 | NS | 1 | -34.335 | 27.497 | 0.66 | -34.458 | 28.723 | 0.166 | 1.1 | 32.274 | 16.529 | 2.426 | 36.383 | 33.605 | 0.116 | 263.016 | 5.095 | 0.116 | 270.55 | 5.339 | 0.116 | 0.18 | 0.0 | 0.116 | 0.162 | 0.0 |
| 61 | 12628 | 12629 | NS | 2 | -34.369 | 26.473 | 0.247 | -34.963 | 26.964 | 0.182 | -4.13 | 29.836 | 9.976 | -7.626 | 29.851 | 21.465 | 0.116 | 265.069 | 4.962 | 0.116 | 303.948 | 4.971 | 0.116 | 0.348 | 0.0 | 0.116 | 0.654 | 0.0 |
| 62 | 12628 | 12629 | SN | 1 | -33.512 | 26.845 | 0.753 | -32.773 | 26.982 | 1.13 | 2.616 | 30.055 | 18.942 | -6.758 | 31.305 | 23.302 | 0.116 | 217.674 | 2.293 | 0.116 | 183.591 | 1.995 | 0.116 | 0.16 | 0.0 | 0.116 | 0.553 | 0.0 |
| 63 | 12628 | 12629 | SN | 1 | -34.193 | 26.845 | 0.753 | -33.959 | 26.982 | 1.128 | 2.616 | 30.057 | 18.939 | -6.802 | 31.305 | 23.299 | 0.116 | 254.596 | 2.301 | 0.116 | 241.247 | 1.998 | 0.116 | 0.16 | 0.0 | 0.116 | 0.558 | 0.0 |
| 64 | 12628 | 12629 | NS | 1 | -34.369 | 26.473 | 0.247 | -34.963 | 26.964 | 0.182 | -4.13 | 29.836 | 9.976 | -7.626 | 29.851 | 21.465 | 0.116 | 265.069 | 4.964 | 0.116 | 303.948 | 4.971 | 0.116 | 0.348 | 0.0 | 0.116 | 0.654 | 0.0 |
| 65 | 12629 | 12630 | SN | 1 | -34.3 | 25.796 | 0.631 | -34.827 | 26.952 | 0.7 | 6.249 | 27.91 | 18.869 | 6.807 | 28.705 | 19.926 | 0.116 | 260.889 | 3.347 | 0.116 | 294.531 | 2.72 | 0.116 | 0.134 | 0.0 | 0.116 | 0.132 | 0.0 |
| 66 | 12629 | 12630 | SN | 1 | -34.3 | 25.796 | 0.621 | -34.827 | 26.952 | 0.691 | 6.249 | 27.91 | 18.821 | 6.807 | 28.705 | 19.957 | 0.116 | 260.889 | 3.291 | 0.116 | 294.531 | 2.684 | 0.116 | 0.134 | 0.0 | 0.116 | 0.132 | 0.0 |
| 67 | 12629 | 12630 | NS | 1 | -34.677 | 26.206 | 0.409 | -34.957 | 27.551 | 0.396 | -2.261 | 31.109 | 8.66 | -2.834 | 30.37 | 16.35 | 0.116 | 284.518 | 6.614 | 0.116 | 303.465 | 6.36 | 0.116 | 0.263 | 0.0 | 0.116 | 0.285 | 0.0 |
| 68 | 12630 | 12631 | SN | 1 | -34.68 | 26.443 | 0.54 | -34.657 | 27.026 | 0.64 | 5.797 | 28.024 | 22.198 | 7.144 | 28.006 | 35.408 | 0.116 | 284.802 | 2.144 | 0.116 | 283.227 | 1.52 | 0.116 | 0.136 | 0.0 | 0.116 | 0.131 | 0.0 |
| 69 | 12630 | 12631 | NS | 1 | -34.84 | 25.86 | 0.34 | -34.648 | 26.853 | 0.431 | -18.197 | 28.708 | 5.59 | -18.794 | 29.692 | 12.407 | 0.116 | 295.391 | 3.336 | 0.116 | 282.676 | 2.603 | 0.116 | 6.487 | 0.009 | 0.116 | 7.43 | 0.008 |
| 70 | 12632 | 12633 | NS | 1 | -34.216 | 27.817 | 0.764 | -34.843 | 28.805 | 1.098 | -4.884 | 30.28 | 10.933 | -7.475 | 30.674 | 16.408 | 0.116 | 255.949 | 4.752 | 0.116 | 295.57 | 4.726 | 0.116 | 0.394 | 0.0 | 0.116 | 0.635 | 0.0 |
| 71 | 12632 | 12633 | SN | 1 | -34.634 | 23.982 | 0.076 | -34.792 | 24.642 | 0.138 | 5.82 | 30.408 | 16.287 | 8.724 | 28.72 | 28.524 | 0.116 | 281.716 | 1.928 | 0.116 | 292.191 | 1.271 | 0.116 | 0.136 | 0.0 | 0.116 | 0.126 | 0.0 |
| 72 | 12632 | 12633 | SN | 1 | -34.634 | 23.982 | 0.08 | -34.792 | 24.642 | 0.112 | 5.82 | 30.408 | 17.193 | 8.724 | 28.72 | 28.598 | 0.116 | 281.716 | 2.035 | 0.116 | 292.191 | 1.364 | 0.116 | 0.136 | 0.0 | 0.116 | 0.126 | 0.0 |

| | | | |
|--------------------------|------------|-------|-----|
| Parameter Specifications | Parameters | SNR | Kp |
| | Min | -65.0 | 0.0 |
| | Max | 22.0 | 1.0 |

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|--------|---------|--------|--------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|
| 73 | 12633 | 12634 | SN | 1 | -34.759 | 26.534 | 0.101 | -34.612 | 24.412 | 0.084 | -13.37 | 34.302 | 13.466 | -7.795 | 36.335 | 17.456 | 0.116 | 289.996 | 3.841 | 0.116 | 280.376 | 2.661 | 0.116 | 2.196 | 0.002 | 0.116 | 0.676 | 0.0 |
| 74 | 12633 | 12634 | NS | 1 | -33.03 | 27.832 | 1.906 | -34.906 | 28.705 | 2.33 | 5.268 | 34.313 | 11.861 | -4.65 | 29.508 | 19.972 | 0.116 | 194.722 | 1.097 | 0.116 | 299.974 | 1.083 | 0.116 | 0.139 | 0.0 | 0.116 | 0.379 | 0.0 |
| 75 | 12633 | 12634 | SN | 1 | -34.759 | 26.534 | 0.094 | -34.612 | 25.213 | 0.255 | -13.37 | 34.302 | 12.854 | -7.795 | 36.335 | 17.479 | 0.116 | 289.996 | 3.575 | 0.116 | 280.376 | 2.334 | 0.116 | 2.196 | 0.002 | 0.116 | 0.676 | 0.0 |
| 76 | 12634 | 12635 | NS | 1 | -33.192 | 26.729 | 1.532 | -31.47 | 27.226 | 1.768 | -15.573 | 29.256 | 24.369 | -13.531 | 30.684 | 41.719 | 0.116 | 202.191 | 0.449 | 0.116 | 136.055 | 0.376 | 0.116 | 3.587 | 0.017 | 0.116 | 2.275 | 0.017 |

| | | | |
|--------------------------|------------|-------|-----|
| Parameter Specifications | Parameters | SNR | Kp |
| | Min | -65.0 | 0.0 |
| | Max | 22.0 | 1.0 |

- Normal
- Deviations
- Alarming
- High Errors

| | | | | | Outer | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------------|--------|-----------|---------------|---------|-----------|----------|----------|-----------|----------|---------|-----------|
| | | | | | Incidence Angle | | | Azimuth Angle | | | Range | | | X-Factor | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) | Min | Max | BadOcc(%) |
| 1 | 12612 | 12613 | SN | 1 | 57.429 | 58.37 | 0.0 | 0.0 | 292.521 | 3.626 | 1196.896 | 1291.976 | 48.112 | -93.965 | -91.861 | 0.0 |
| 2 | 12612 | 12613 | SN | 1 | 57.429 | 58.37 | 0.0 | 0.0 | 292.521 | 3.659 | 1196.968 | 1291.976 | 47.539 | -93.965 | -91.861 | 0.0 |
| 3 | 12612 | 12613 | SN | 1 | 57.429 | 58.37 | 0.0 | 0.0 | 292.521 | 3.664 | 1196.896 | 1291.976 | 47.587 | -93.965 | -91.861 | 0.0 |
| 4 | 12612 | 12613 | NS | 1 | 57.435 | 58.618 | 0.0 | 0.0 | 298.185 | 3.958 | 1206.712 | 1296.896 | 24.045 | -96.035 | -91.881 | 0.0 |
| 5 | 12613 | 12614 | NS | 1 | 57.437 | 58.327 | 0.0 | 0.0 | 296.393 | 3.678 | 1206.936 | 1291.952 | 24.39 | -93.669 | -91.841 | 0.0 |
| 6 | 12613 | 12614 | SN | 1 | 57.389 | 58.382 | 0.0 | 0.0 | 292.78 | 3.7 | 1196.104 | 1292.152 | 47.177 | -94.462 | -91.827 | 0.0 |
| 7 | 12613 | 12614 | SN | 2 | 57.389 | 58.382 | 0.0 | 0.0 | 292.78 | 3.7 | 1196.104 | 1292.152 | 47.177 | -94.462 | -91.827 | 0.0 |
| 8 | 12613 | 12614 | SN | 1 | 57.389 | 58.382 | 0.0 | 0.0 | 292.78 | 3.7 | 1196.104 | 1292.152 | 47.168 | -94.462 | -91.827 | 0.0 |
| 9 | 12613 | 12614 | NS | 1 | 57.437 | 58.323 | 0.0 | 0.0 | 296.393 | 3.676 | 1206.928 | 1291.96 | 24.463 | -93.669 | -91.841 | 0.0 |
| 10 | 12614 | 12615 | NS | 1 | 57.415 | 58.325 | 0.0 | 0.0 | 291.71 | 3.796 | 1206.48 | 1291.992 | 24.113 | -94.521 | -91.826 | 0.0 |
| 11 | 12614 | 12615 | SN | 1 | 57.424 | 58.38 | 0.0 | 0.0 | 292.698 | 3.518 | 1196.736 | 1292.176 | 46.76 | -94.258 | -91.862 | 0.0 |
| 12 | 12614 | 12615 | SN | 1 | 57.424 | 58.38 | 0.0 | 0.0 | 292.698 | 3.652 | 1196.736 | 1292.176 | 46.277 | -94.258 | -91.862 | 0.0 |
| 13 | 12614 | 12615 | SN | 1 | 57.424 | 58.38 | 0.0 | 0.0 | 292.698 | 3.514 | 1196.736 | 1292.176 | 46.853 | -94.258 | -91.862 | 0.0 |
| 14 | 12614 | 12615 | NS | 2 | 57.415 | 58.325 | 0.0 | 0.0 | 291.71 | 3.74 | 1206.48 | 1291.992 | 24.152 | -93.379 | -91.826 | 0.0 |
| 15 | 12615 | 12616 | NS | 2 | 57.44 | 58.346 | 0.0 | 0.0 | 290.596 | 3.577 | 1207.272 | 1291.864 | 24.344 | -95.158 | -91.865 | 0.0 |
| 16 | 12615 | 12616 | SN | 1 | 57.077 | 58.388 | 0.001 | 0.0 | 295.698 | 3.996 | 1190.84 | 1292.04 | 47.39 | -95.532 | -91.846 | 0.0 |
| 17 | 12615 | 12616 | SN | 1 | 57.077 | 58.359 | 0.001 | 0.0 | 295.747 | 3.223 | 1190.824 | 1292.016 | 47.031 | -95.532 | -91.846 | 0.0 |
| 18 | 12615 | 12616 | NS | 1 | 57.439 | 58.332 | 0.0 | 0.0 | 291.556 | 3.828 | 1207.256 | 1291.88 | 24.073 | -93.352 | -91.865 | 0.0 |
| 19 | 12616 | 12617 | NS | 1 | 57.416 | 58.35 | 0.0 | 0.0 | 290.911 | 3.622 | 1206.568 | 1291.696 | 24.28 | -93.313 | -91.889 | 0.0 |
| 20 | 12616 | 12617 | SN | 1 | 57.422 | 58.37 | 0.0 | 0.003 | 136.16 | 2.821 | 1196.168 | 1291.84 | 47.432 | -93.208 | -91.865 | 0.0 |
| 21 | 12617 | 12618 | SN | 1 | 57.279 | 58.39 | 0.0 | 0.0 | 293.144 | 3.792 | 1196.632 | 1291.704 | 46.232 | -95.246 | -91.864 | 0.0 |
| 22 | 12617 | 12618 | NS | 1 | 57.412 | 58.353 | 0.0 | 0.0 | 293.128 | 3.739 | 1206.744 | 1291.728 | 22.699 | -94.37 | -91.877 | 0.0 |
| 23 | 12618 | 12619 | NS | 1 | 57.44 | 58.547 | 0.0 | 0.0 | 298.025 | 3.649 | 1207.384 | 1299.256 | 22.806 | -94.927 | -91.906 | 0.0 |
| 24 | 12618 | 12619 | NS | 1 | 57.44 | 58.323 | 0.0 | 0.003 | 297.871 | 3.543 | 1207.424 | 1291.512 | 23.124 | -93.278 | -91.906 | 0.0 |
| 25 | 12618 | 12619 | SN | 1 | 57.422 | 58.368 | 0.0 | 0.0 | 288.054 | 3.421 | 1196.728 | 1291.672 | 45.851 | -94.5 | -91.852 | 0.0 |
| 26 | 12618 | 12619 | SN | 1 | 57.414 | 58.386 | 0.0 | 0.0 | 290.508 | 3.766 | 1196.048 | 1291.728 | 48.747 | -94.094 | -91.852 | 0.0 |
| 27 | 12618 | 12619 | SN | 1 | 57.414 | 58.386 | 0.0 | 0.0 | 290.508 | 4.045 | 1196.048 | 1291.728 | 47.301 | -94.094 | -91.852 | 0.0 |
| 28 | 12619 | 12620 | NS | 1 | 57.429 | 58.322 | 0.0 | 0.0 | 291.06 | 3.854 | 1207.32 | 1291.712 | 23.426 | -93.712 | -91.899 | 0.0 |
| 29 | 12619 | 12620 | SN | 1 | 57.442 | 58.39 | 0.0 | 0.0 | 290.927 | 3.854 | 1196.928 | 1293.344 | 48.194 | -95.186 | -91.808 | 0.0 |
| 30 | 12619 | 12620 | SN | 1 | 57.441 | 58.358 | 0.0 | 0.003 | 13.424 | 1.777 | 1196.912 | 1291.648 | 49.468 | -93.788 | -91.808 | 0.0 |
| 31 | 12619 | 12620 | NS | 1 | 57.44 | 58.555 | 0.0 | 0.003 | 290.789 | 3.507 | 1207.352 | 1299.536 | 24.034 | -95.017 | -91.9 | 0.0 |
| 32 | 12619 | 12620 | SN | 1 | 57.442 | 58.39 | 0.0 | 0.0 | 290.927 | 2.701 | 1196.928 | 1293.344 | 51.587 | -95.186 | -91.808 | 0.0 |
| 33 | 12620 | 12621 | NS | 1 | 57.44 | 58.341 | 0.0 | 0.0 | 295.246 | 4.038 | 1207.512 | 1291.84 | 24.082 | -93.713 | -91.896 | 0.0 |
| 34 | 12620 | 12621 | SN | 1 | 57.423 | 58.371 | 0.0 | 0.0 | 296.122 | 3.731 | 1196.88 | 1291.848 | 47.575 | -93.288 | -91.79 | 0.0 |

| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
|--------------------------|------------|-----------|------------|--------|----------|
| | Min | 57.3 | 0.0 | 1210.0 | -100.0 |
| | Max | 58.9 | 0.0 | 1280.0 | -80.0 |

| | |
|--|---|
|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 35 | 12620 | 12621 | SN | 2 | 57.423 | 58.371 | 0.0 | 0.0 | 296.122 | 3.731 | 1196.88 | 1291.848 | 47.575 | -93.288 | -91.79 | 0.0 |
| 36 | 12620 | 12621 | NS | 1 | 57.44 | 58.332 | 0.0 | 0.0 | 295.246 | 4.024 | 1207.512 | 1291.792 | 24.092 | -93.713 | -91.896 | 0.0 |
| 37 | 12621 | 12622 | NS | 2 | 57.444 | 58.324 | 0.0 | 0.0 | 295.212 | 3.776 | 1207.72 | 1292.04 | 23.39 | -94.118 | -91.889 | 0.0 |
| 38 | 12621 | 12622 | NS | 1 | 57.444 | 58.324 | 0.0 | 0.0 | 295.212 | 3.776 | 1207.72 | 1292.04 | 23.39 | -94.118 | -91.889 | 0.0 |
| 39 | 12621 | 12622 | SN | 1 | 57.422 | 58.359 | 0.0 | 0.0 | 291.848 | 3.538 | 1196.128 | 1291.936 | 46.666 | -95.212 | -91.828 | 0.0 |
| 40 | 12622 | 12623 | SN | 1 | 57.407 | 58.358 | 0.0 | 0.0 | 296.591 | 4.075 | 1195.872 | 1292.488 | 47.297 | -93.37 | -91.849 | 0.0 |
| 41 | 12622 | 12623 | NS | 1 | 57.444 | 58.635 | 0.0 | 0.0 | 299.398 | 3.322 | 1207.784 | 1294.312 | 21.791 | -95.955 | -91.872 | 0.0 |
| 42 | 12623 | 12624 | NS | 1 | 57.432 | 58.47 | 0.0 | 0.0 | 296.53 | 4.038 | 1207.648 | 1291.536 | 23.536 | -94.877 | -91.898 | 0.0 |
| 43 | 12623 | 12624 | SN | 1 | 57.427 | 58.358 | 0.0 | 0.003 | 292.19 | 3.19 | 1196.496 | 1291.648 | 47.067 | -93.092 | -91.844 | 0.0 |
| 44 | 12624 | 12625 | SN | 1 | 57.406 | 58.373 | 0.0 | 0.0 | 290.442 | 3.778 | 1195.664 | 1291.72 | 49.409 | -93.146 | -91.862 | 0.0 |
| 45 | 12624 | 12625 | SN | 1 | 57.419 | 58.389 | 0.0 | 0.003 | 288.49 | 3.014 | 1196.056 | 1291.632 | 48.068 | -93.547 | -91.862 | 0.0 |
| 46 | 12624 | 12625 | NS | 1 | 57.414 | 58.32 | 0.0 | 0.0 | 299.652 | 3.938 | 1207.152 | 1291.568 | 23.766 | -94.554 | -91.899 | 0.0 |
| 47 | 12625 | 12626 | SN | 1 | 57.404 | 58.378 | 0.0 | 0.003 | 29.274 | 2.897 | 1196.496 | 1291.688 | 47.672 | -93.212 | -91.864 | 0.0 |
| 48 | 12625 | 12626 | NS | 1 | 57.425 | 58.322 | 0.0 | 0.0 | 289.885 | 3.55 | 1206.944 | 1291.632 | 24.911 | -93.254 | -91.908 | 0.0 |
| 49 | 12625 | 12626 | SN | 1 | 57.413 | 58.385 | 0.0 | 0.0 | 290.084 | 2.874 | 1196.248 | 1291.776 | 50.951 | -93.313 | -91.864 | 0.0 |
| 50 | 12625 | 12626 | NS | 1 | 57.419 | 58.322 | 0.0 | 0.0 | 289.069 | 1.984 | 1206.816 | 1289.464 | 13.808 | -93.494 | -91.908 | 0.0 |
| 51 | 12625 | 12626 | NS | 1 | 57.419 | 58.322 | 0.0 | 0.0 | 289.896 | 3.853 | 1206.816 | 1291.648 | 24.451 | -93.494 | -91.908 | 0.0 |
| 52 | 12626 | 12627 | SN | 1 | 57.418 | 58.385 | 0.0 | 0.0 | 284.673 | 3.228 | 1195.976 | 1291.656 | 48.954 | -95.419 | -91.855 | 0.0 |
| 53 | 12626 | 12627 | SN | 1 | 57.418 | 58.385 | 0.0 | 0.0 | 284.673 | 3.213 | 1195.976 | 1291.656 | 48.991 | -95.419 | -91.855 | 0.0 |
| 54 | 12626 | 12627 | NS | 1 | 57.401 | 58.35 | 0.0 | 0.0 | 293.326 | 4.48 | 1206.776 | 1291.504 | 23.291 | -93.938 | -91.89 | 0.0 |
| 55 | 12626 | 12627 | NS | 1 | 57.441 | 58.353 | 0.0 | 0.0 | 293.376 | 4.263 | 1207.64 | 1291.52 | 23.252 | -93.938 | -91.89 | 0.0 |
| 56 | 12627 | 12628 | SN | 1 | 57.427 | 58.355 | 0.0 | 0.0 | 297.611 | 3.641 | 1196.424 | 1291.584 | 49.82 | -93.599 | -91.852 | 0.0 |
| 57 | 12627 | 12628 | SN | 1 | 57.427 | 58.355 | 0.0 | 0.0 | 297.611 | 3.764 | 1196.424 | 1291.584 | 49.136 | -93.599 | -91.852 | 0.0 |
| 58 | 12627 | 12628 | SN | 1 | 57.427 | 58.355 | 0.0 | 0.0 | 297.611 | 3.764 | 1196.424 | 1291.584 | 49.136 | -93.599 | -91.852 | 0.0 |
| 59 | 12627 | 12628 | NS | 1 | 57.443 | 58.336 | 0.0 | 0.0 | 299.707 | 3.791 | 1207.96 | 1291.512 | 22.222 | -93.9 | -91.89 | 0.0 |
| 60 | 12627 | 12628 | NS | 1 | 57.443 | 58.342 | 0.0 | 0.0 | 299.707 | 3.791 | 1207.96 | 1291.512 | 22.199 | -93.9 | -91.89 | 0.0 |
| 61 | 12628 | 12629 | NS | 2 | 57.445 | 58.354 | 0.0 | 0.0 | 296.553 | 3.436 | 1208.168 | 1291.664 | 21.658 | -93.636 | -91.839 | 0.0 |
| 62 | 12628 | 12629 | SN | 1 | 57.416 | 58.356 | 0.0 | 0.0 | 294.992 | 3.431 | 1195.48 | 1291.752 | 48.262 | -94.375 | -91.828 | 0.0 |
| 63 | 12628 | 12629 | SN | 1 | 57.416 | 58.356 | 0.0 | 0.0 | 294.992 | 3.427 | 1196.096 | 1291.752 | 48.215 | -94.375 | -91.828 | 0.0 |
| 64 | 12628 | 12629 | NS | 1 | 57.445 | 58.355 | 0.0 | 0.0 | 296.553 | 3.437 | 1208.176 | 1291.648 | 21.631 | -93.636 | -91.839 | 0.0 |
| 65 | 12629 | 12630 | SN | 1 | 57.419 | 58.363 | 0.0 | 0.003 | 291.959 | 3.26 | 1195.872 | 1291.64 | 48.886 | -93.177 | -91.859 | 0.0 |
| 66 | 12629 | 12630 | SN | 1 | 57.419 | 58.363 | 0.0 | 0.0 | 291.959 | 3.413 | 1195.872 | 1291.64 | 48.253 | -93.308 | -91.859 | 0.0 |
| 67 | 12629 | 12630 | NS | 1 | 57.446 | 58.357 | 0.0 | 0.0 | 296.508 | 3.776 | 1208.312 | 1291.576 | 21.649 | -93.882 | -91.875 | 0.0 |
| 68 | 12630 | 12631 | SN | 1 | 57.419 | 58.36 | 0.0 | 0.0 | 289.708 | 3.087 | 1195.84 | 1291.448 | 49.167 | -93.227 | -91.86 | 0.0 |
| 69 | 12630 | 12631 | NS | 1 | 57.445 | 58.34 | 0.0 | 0.0 | 286.333 | 4.029 | 1208.464 | 1291.424 | 21.942 | -93.368 | -91.878 | 0.0 |
| 70 | 12632 | 12633 | NS | 1 | 57.447 | 58.356 | 0.0 | 0.0 | 296.63 | 4.004 | 1208.568 | 1291.112 | 19.805 | -95.454 | -91.902 | 0.0 |
| 71 | 12632 | 12633 | SN | 1 | 57.414 | 58.378 | 0.0 | 0.0 | 299.84 | 3.606 | 1195.616 | 1291.192 | 47.492 | -94.329 | -91.838 | 0.0 |

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|--------------------------|------------|-----------|------------|--------|----------|
| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
| | Min | 57.3 | 0.0 | 1210.0 | -100.0 |
| | Max | 58.9 | 0.0 | 1280.0 | -80.0 |

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|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|--------|--------|-----|-------|---------|-------|----------|----------|--------|---------|---------|-----|
| 72 | 12632 | 12633 | SN | 1 | 57.415 | 58.378 | 0.0 | 0.003 | 299.84 | 2.946 | 1195.616 | 1291.192 | 50.238 | -93.285 | -91.838 | 0.0 |
| 73 | 12633 | 12634 | SN | 1 | 57.425 | 58.352 | 0.0 | 0.0 | 294.187 | 2.677 | 1196.096 | 1291.32 | 51.796 | -93.926 | -91.837 | 0.0 |
| 74 | 12633 | 12634 | NS | 1 | 57.447 | 58.342 | 0.0 | 0.0 | 291.06 | 3.754 | 1208.48 | 1291.256 | 20.602 | -95.427 | -91.914 | 0.0 |
| 75 | 12633 | 12634 | SN | 1 | 57.425 | 58.352 | 0.0 | 0.0 | 294.187 | 3.703 | 1196.096 | 1291.32 | 48.755 | -93.926 | -91.837 | 0.0 |
| 76 | 12634 | 12635 | NS | 1 | 57.441 | 58.577 | 0.0 | 0.0 | 296.442 | 3.85 | 1208.352 | 1299.728 | 21.816 | -95.28 | -91.896 | 0.0 |

| Parameter Specifications | Parameters | Inc.Angle | Azi. Angle | Range | X-Factor |
|--------------------------|------------|-----------|------------|--------|----------|
| | Min | 57.3 | 0.0 | 1210.0 | -100.0 |
| | Max | 58.9 | 0.0 | 1280.0 | -80.0 |

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|  Normal |  Deviations |
|  Alarming |  High Errors |

| Outer | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------------|-----------|---------|------|---------|----------|------------|---------|----------|------------|---------|-----------|------------|---------|---------|------------|-------|----------|------------|-------|----------|------------|-------|-----------|------------|-------|---------|------------|
| SNR | | | | | | | | | | | | | | | | | Kp | | | | | | | | | | | |
| | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | Sea Aft | | | Sea Fore | | | Land Aft | | | Land Fore | | | | |
| SrNo | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 12612 | 12613 | SN | 1 | -34.951 | 20.862 | 0.0 | -34.125 | 21.384 | 0.0 | -4.634 | 22.047 | 0.002 | -12.154 | 22.511 | 0.012 | 0.086 | 231.636 | 3.897 | 0.086 | 191.538 | 3.14 | 0.086 | 0.285 | 0.0 | 0.086 | 1.281 | 0.002 |
| 2 | 12612 | 12613 | SN | 1 | -34.951 | 20.862 | 0.0 | -34.348 | 21.384 | 0.0 | -4.634 | 22.047 | 0.002 | -12.154 | 22.511 | 0.012 | 0.086 | 231.636 | 3.82 | 0.086 | 201.624 | 3.051 | 0.086 | 0.285 | 0.0 | 0.086 | 1.281 | 0.002 |
| 3 | 12612 | 12613 | SN | 1 | -34.951 | 20.862 | 0.0 | -34.125 | 21.384 | 0.0 | -4.634 | 22.047 | 0.002 | -12.154 | 22.511 | 0.012 | 0.086 | 231.636 | 3.818 | 0.086 | 191.538 | 3.056 | 0.086 | 0.285 | 0.0 | 0.086 | 1.281 | 0.002 |
| 4 | 12612 | 12613 | NS | 1 | -34.753 | 21.166 | 0.0 | -34.891 | 20.708 | 0.0 | 1.01 | 23.512 | 0.037 | -6.312 | 23.447 | 0.057 | 0.086 | 221.339 | 4.682 | 0.086 | 228.423 | 5.04 | 0.086 | 0.135 | 0.0 | 0.086 | 0.385 | 0.0 |
| 5 | 12613 | 12614 | NS | 1 | -34.929 | 20.353 | 0.0 | -34.461 | 19.923 | 0.0 | -9.918 | 21.268 | 0.0 | -8.081 | 22.741 | 0.021 | 0.086 | 230.482 | 5.493 | 0.086 | 206.904 | 5.805 | 0.086 | 0.792 | 0.0 | 0.086 | 0.543 | 0.0 |
| 6 | 12613 | 12614 | SN | 1 | -34.849 | 20.096 | 0.0 | -34.761 | 21.22 | 0.0 | 1.909 | 21.969 | 0.0 | 2.028 | 22.679 | 0.02 | 0.086 | 226.241 | 3.349 | 0.086 | 227.374 | 2.663 | 0.086 | 0.125 | 0.0 | 0.086 | 0.124 | 0.0 |
| 7 | 12613 | 12614 | SN | 2 | -34.849 | 20.096 | 0.0 | -34.761 | 21.22 | 0.0 | 1.909 | 21.969 | 0.0 | 2.028 | 22.679 | 0.02 | 0.086 | 226.241 | 3.349 | 0.086 | 227.374 | 2.663 | 0.086 | 0.125 | 0.0 | 0.086 | 0.124 | 0.0 |
| 8 | 12613 | 12614 | SN | 1 | -34.849 | 20.096 | 0.0 | -34.761 | 21.22 | 0.0 | 1.909 | 21.969 | 0.0 | 2.028 | 22.679 | 0.02 | 0.086 | 226.241 | 3.349 | 0.086 | 227.374 | 2.663 | 0.086 | 0.125 | 0.0 | 0.086 | 0.124 | 0.0 |
| 9 | 12613 | 12614 | NS | 1 | -34.929 | 20.353 | 0.0 | -34.844 | 19.924 | 0.0 | -9.918 | 21.267 | 0.0 | -8.081 | 22.741 | 0.021 | 0.086 | 230.482 | 5.481 | 0.086 | 226.004 | 5.799 | 0.086 | 0.792 | 0.0 | 0.086 | 0.543 | 0.0 |
| 10 | 12614 | 12615 | NS | 1 | -34.86 | 19.892 | 0.0 | -34.768 | 19.765 | 0.0 | -21.449 | 21.548 | 0.0 | -32.171 | 22.62 | 0.011 | 0.086 | 226.826 | 5.293 | 0.086 | 222.096 | 5.065 | 0.086 | 10.403 | 0.015 | 0.086 | 122.146 | 0.039 |
| 11 | 12614 | 12615 | SN | 1 | -34.841 | 19.918 | 0.0 | -34.666 | 20.189 | 0.0 | 1.535 | 21.924 | 0.0 | 1.433 | 21.442 | 0.0 | 0.086 | 225.865 | 0.942 | 0.086 | 216.957 | 0.722 | 0.086 | 0.129 | 0.0 | 0.086 | 0.13 | 0.0 |
| 12 | 12614 | 12615 | SN | 1 | -34.841 | 19.918 | 0.0 | -34.666 | 20.189 | 0.0 | 1.535 | 21.924 | 0.0 | 1.433 | 21.442 | 0.0 | 0.086 | 225.865 | 0.93 | 0.086 | 216.957 | 0.716 | 0.086 | 0.129 | 0.0 | 0.086 | 0.13 | 0.0 |
| 13 | 12614 | 12615 | SN | 1 | -34.841 | 19.918 | 0.0 | -34.666 | 20.189 | 0.0 | 1.535 | 21.924 | 0.0 | 1.433 | 21.442 | 0.0 | 0.086 | 225.865 | 0.946 | 0.086 | 216.957 | 0.724 | 0.086 | 0.129 | 0.0 | 0.086 | 0.13 | 0.0 |
| 14 | 12614 | 12615 | NS | 2 | -34.86 | 19.89 | 0.0 | -34.768 | 19.765 | 0.0 | -21.449 | 21.548 | 0.0 | -32.171 | 22.62 | 0.011 | 0.086 | 226.826 | 5.289 | 0.086 | 222.096 | 5.064 | 0.086 | 10.403 | 0.015 | 0.086 | 122.146 | 0.039 |
| 15 | 12615 | 12616 | NS | 2 | -33.313 | 19.38 | 0.0 | -34.547 | 20.223 | 0.0 | -16.738 | 21.471 | 0.0 | -23.018 | 22.504 | 0.003 | 0.086 | 158.899 | 1.978 | 0.086 | 211.095 | 2.294 | 0.086 | 3.559 | 0.011 | 0.086 | 14.902 | 0.05 |
| 16 | 12615 | 12616 | SN | 1 | -34.513 | 19.41 | 0.0 | -34.801 | 20.543 | 0.0 | 0.218 | 21.745 | 0.0 | -25.994 | 21.841 | 0.0 | 0.086 | 209.458 | 1.659 | 0.086 | 223.816 | 1.688 | 0.086 | 0.146 | 0.0 | 0.086 | 29.51 | 0.028 |
| 17 | 12615 | 12616 | SN | 1 | -33.924 | 19.424 | 0.0 | -34.637 | 20.535 | 0.0 | 0.167 | 21.745 | 0.0 | -28.041 | 21.841 | 0.0 | 0.086 | 182.852 | 1.657 | 0.086 | 215.509 | 1.715 | 0.086 | 0.147 | 0.0 | 0.086 | 47.234 | 0.033 |
| 18 | 12615 | 12616 | NS | 1 | -34.94 | 19.378 | 0.0 | -34.193 | 20.224 | 0.0 | -16.788 | 21.471 | 0.0 | -22.833 | 22.504 | 0.003 | 0.086 | 231.103 | 1.92 | 0.086 | 194.56 | 2.244 | 0.086 | 3.599 | 0.013 | 0.086 | 14.287 | 0.05 |
| 19 | 12616 | 12617 | NS | 1 | -34.174 | 19.067 | 0.0 | -33.516 | 19.477 | 0.0 | -29.694 | 25.094 | 0.003 | -14.71 | 22.263 | 0.007 | 0.086 | 193.759 | 3.321 | 0.086 | 166.478 | 3.534 | 0.086 | 69.097 | 0.017 | 0.086 | 2.255 | 0.005 |
| 20 | 12616 | 12617 | SN | 1 | -34.575 | 19.174 | 0.0 | -34.984 | 19.751 | 0.0 | 0.177 | 21.354 | 0.0 | 1.052 | 20.967 | 0.0 | 0.086 | 212.455 | 3.362 | 0.086 | 233.41 | 2.618 | 0.086 | 0.146 | 0.0 | 0.086 | 0.135 | 0.0 |
| 21 | 12617 | 12618 | SN | 1 | -34.885 | 18.334 | 0.0 | -34.422 | 18.391 | 0.0 | -0.363 | 21.559 | 0.0 | 3.018 | 21.861 | 0.0 | 0.086 | 228.156 | 2.403 | 0.086 | 205.092 | 2.25 | 0.086 | 0.155 | 0.0 | 0.086 | 0.116 | 0.0 |
| 22 | 12617 | 12618 | NS | 1 | -34.792 | 20.139 | 0.0 | -33.682 | 20.249 | 0.0 | -24.676 | 21.301 | 0.0 | -18.389 | 22.314 | 0.002 | 0.086 | 223.295 | 3.065 | 0.086 | 173.012 | 3.153 | 0.086 | 21.797 | 0.085 | 0.086 | 5.174 | 0.01 |
| 23 | 12618 | 12619 | NS | 1 | -34.744 | 19.97 | 0.0 | -33.531 | 21.372 | 0.0 | 1.413 | 22.613 | 0.079 | 0.449 | 25.755 | 0.083 | 0.086 | 220.834 | 2.092 | 0.086 | 167.055 | 2.253 | 0.086 | 0.13 | 0.0 | 0.086 | 0.142 | 0.0 |
| 24 | 12618 | 12619 | NS | 1 | -34.662 | 19.98 | 0.0 | -34.864 | 21.372 | 0.0 | 1.705 | 22.611 | 0.078 | 0.457 | 25.736 | 0.083 | 0.086 | 216.734 | 2.136 | 0.086 | 227.568 | 2.288 | 0.086 | 0.127 | 0.0 | 0.086 | 0.142 | 0.0 |
| 25 | 12618 | 12619 | SN | 1 | -34.301 | 21.191 | 0.0 | -33.254 | 18.338 | 0.0 | -25.708 | 23.043 | 0.089 | -15.836 | 25.603 | 0.201 | 0.086 | 199.483 | 1.379 | 0.086 | 156.732 | 1.176 | 0.086 | 27.626 | 0.015 | 0.086 | 2.903 | 0.002 |
| 26 | 12618 | 12619 | SN | 1 | -33.099 | 21.19 | 0.0 | -34.26 | 18.338 | 0.0 | -25.706 | 23.04 | 0.088 | -15.092 | 25.602 | 0.279 | 0.086 | 151.26 | 1.442 | 0.086 | 197.542 | 1.327 | 0.086 | 27.618 | 0.014 | 0.086 | 2.456 | 0.002 |
| 27 | 12618 | 12619 | SN | 1 | -33.099 | 21.19 | 0.0 | -34.26 | 18.338 | 0.0 | -25.706 | 23.04 | 0.086 | -15.092 | 25.602 | 0.279 | 0.086 | 151.26 | 1.39 | 0.086 | 197.542 | 1.261 | 0.086 | 27.618 | 0.014 | 0.086 | 2.456 | 0.002 |
| 28 | 12619 | 12620 | NS | 1 | -34.818 | 20.22 | 0.0 | -32.655 | 20.784 | 0.0 | -24.35 | 23.125 | 0.206 | -27.648 | 23.372 | 0.501 | 0.086 | 224.671 | 1.226 | 0.086 | 136.574 | 1.137 | 0.086 | 20.223 | 0.009 | 0.086 | 43.147 | 0.004 |
| 29 | 12619 | 12620 | SN | 1 | -34.973 | 21.484 | 0.0 | -33.885 | 21.112 | 0.0 | -13.264 | 22.573 | 0.029 | -8.634 | 23.496 | 0.344 | 0.086 | 232.804 | 4.171 | 0.086 | 181.272 | 3.188 | 0.086 | 1.635 | 0.001 | 0.086 | 0.607 | 0.0 |
| 30 | 12619 | 12620 | SN | 1 | -34.987 | 21.479 | 0.0 | -33.257 | 21.114 | 0.0 | -13.281 | 22.563 | 0.032 | -8.698 | 22.573 | 0.022 | 0.086 | 233.556 | 4.589 | 0.086 | 156.838 | 3.372 | 0.086 | 1.641 | 0.002 | 0.086 | 0.615 | 0.0 |
| 31 | 12619 | 12620 | NS | 1 | -34.923 | 20.216 | 0.0 | -34.052 | 20.787 | 0.0 | -25.586 | 23.125 | 0.206 | -34.499 | 23.372 | 0.416 | 0.086 | 230.169 | 1.274 | 0.086 | 188.379 | 1.165 | 0.086 | 26.862 | 0.009 | 0.086 | 208.756 | 0.004 |
| 32 | 12619 | 12620 | SN | 1 | -34.973 | 21.484 | 0.0 | -33.885 | 21.112 | 0.0 | -13.262 | 22.573 | 0.032 | -8.634 | 23.496 | 0.24 | 0.086 | 232.804 | 4.513 | 0.086 | 181.272 | 3.717 | 0.086 | 1.634 | 0.002 | 0.086 | 0.607 | 0.0 |

| Parameter Specifications | Parameters | SNR | Kp | Normal | Deviations | Alarming | High Errors |
|--------------------------|------------|-------|-----|--------|------------|----------|-------------|
| | Min | -65.0 | 0.0 | | | | |
| | Max | 22.0 | 1.0 | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|
| 33 | 12620 | 12621 | NS | 1 | -34.835 | 21.485 | 0.0 | -34.414 | 22.768 | 0.002 | -0.383 | 23.382 | 0.282 | -10.177 | 23.362 | 0.781 | 0.086 | 225.52 | 2.101 | 0.086 | 204.696 | 2.778 | 0.086 | 0.156 | 0.0 | 0.086 | 0.837 | 0.0 |
| 34 | 12620 | 12621 | SN | 1 | -34.694 | 20.792 | 0.0 | -34.852 | 21.395 | 0.0 | -24.422 | 22.344 | 0.022 | -10.844 | 23.289 | 0.18 | 0.086 | 218.378 | 9.637 | 0.086 | 226.456 | 9.018 | 0.086 | 20.564 | 0.035 | 0.086 | 0.965 | 0.0 |
| 35 | 12620 | 12621 | SN | 2 | -34.694 | 20.792 | 0.0 | -34.852 | 21.395 | 0.0 | -24.422 | 22.344 | 0.022 | -10.844 | 23.289 | 0.18 | 0.086 | 218.378 | 9.637 | 0.086 | 226.456 | 9.018 | 0.086 | 20.564 | 0.035 | 0.086 | 0.965 | 0.0 |
| 36 | 12620 | 12621 | NS | 1 | -34.711 | 21.485 | 0.0 | -34.6 | 22.769 | 0.002 | -0.383 | 23.382 | 0.282 | -10.17 | 23.362 | 0.779 | 0.086 | 219.235 | 2.102 | 0.086 | 221.004 | 2.775 | 0.086 | 0.156 | 0.0 | 0.086 | 0.836 | 0.0 |
| 37 | 12621 | 12622 | NS | 2 | -34.123 | 22.596 | 0.001 | -34.176 | 19.282 | 0.0 | -0.058 | 22.511 | 0.027 | 0.82 | 23.32 | 0.365 | 0.086 | 191.461 | 2.799 | 0.086 | 193.776 | 2.686 | 0.086 | 0.15 | 0.0 | 0.086 | 0.138 | 0.0 |
| 38 | 12621 | 12622 | NS | 1 | -34.123 | 22.596 | 0.001 | -34.176 | 19.282 | 0.0 | -0.058 | 22.511 | 0.027 | 0.82 | 23.32 | 0.365 | 0.086 | 191.461 | 2.799 | 0.086 | 193.776 | 2.686 | 0.086 | 0.15 | 0.0 | 0.086 | 0.138 | 0.0 |
| 39 | 12621 | 12622 | SN | 1 | -34.06 | 20.206 | 0.0 | -34.697 | 20.818 | 0.0 | -26.176 | 24.29 | 0.017 | -23.884 | 23.275 | 0.137 | 0.086 | 188.71 | 4.56 | 0.086 | 218.53 | 4.484 | 0.086 | 30.774 | 0.058 | 0.086 | 18.173 | 0.118 |
| 40 | 12622 | 12623 | SN | 1 | -34.998 | 20.388 | 0.0 | -33.136 | 20.503 | 0.0 | -13.667 | 21.951 | 0.0 | -15.117 | 23.566 | 0.116 | 0.086 | 234.121 | 2.462 | 0.086 | 152.563 | 1.945 | 0.086 | 1.85 | 0.003 | 0.086 | 2.47 | 0.003 |
| 41 | 12622 | 12623 | NS | 1 | -34.937 | 19.208 | 0.0 | -34.998 | 19.33 | 0.0 | -9.06 | 22.939 | 0.022 | -13.807 | 23.136 | 0.339 | 0.086 | 230.94 | 3.012 | 0.086 | 234.166 | 3.611 | 0.086 | 0.686 | 0.0 | 0.086 | 1.908 | 0.009 |
| 42 | 12623 | 12624 | NS | 1 | -34.929 | 18.939 | 0.0 | -34.857 | 19.626 | 0.0 | 6.224 | 22.576 | 0.035 | 5.522 | 22.956 | 0.228 | 0.086 | 230.507 | 3.605 | 0.086 | 226.642 | 3.413 | 0.086 | 0.1 | 0.0 | 0.086 | 0.102 | 0.0 |
| 43 | 12623 | 12624 | SN | 1 | -33.237 | 19.622 | 0.0 | -34.278 | 20.761 | 0.0 | -14.41 | 22.164 | 0.003 | -21.653 | 23.331 | 0.159 | 0.086 | 156.138 | 1.715 | 0.086 | 198.368 | 1.519 | 0.086 | 2.109 | 0.002 | 0.086 | 10.899 | 0.003 |
| 44 | 12624 | 12625 | SN | 1 | -34.959 | 19.943 | 0.0 | -34.939 | 20.203 | 0.0 | -18.41 | 22.492 | 0.04 | -18.802 | 23.239 | 0.63 | 0.086 | 232.054 | 6.246 | 0.086 | 230.981 | 5.917 | 0.086 | 5.2 | 0.017 | 0.086 | 5.684 | 0.041 |
| 45 | 12624 | 12625 | SN | 1 | -34.922 | 19.944 | 0.0 | -34.464 | 20.201 | 0.0 | -18.302 | 22.495 | 0.026 | -18.7 | 23.241 | 0.727 | 0.086 | 230.11 | 6.257 | 0.086 | 207.028 | 5.901 | 0.086 | 5.074 | 0.019 | 0.086 | 5.555 | 0.048 |
| 46 | 12624 | 12625 | NS | 1 | -34.472 | 18.631 | 0.0 | -34.719 | 17.573 | 0.0 | 1.32 | 22.169 | 0.007 | 0.846 | 23.208 | 0.31 | 0.086 | 207.422 | 2.326 | 0.087 | 219.587 | 2.838 | 0.086 | 0.131 | 0.0 | 0.086 | 0.137 | 0.0 |
| 47 | 12625 | 12626 | SN | 1 | -34.137 | 19.268 | 0.0 | -34.691 | 19.551 | 0.0 | 0.254 | 22.72 | 0.189 | 3.571 | 23.59 | 1.609 | 0.086 | 192.102 | 3.34 | 0.086 | 218.176 | 2.941 | 0.086 | 0.145 | 0.0 | 0.086 | 0.112 | 0.0 |
| 48 | 12625 | 12626 | NS | 1 | -32.747 | 20.288 | 0.0 | -34.738 | 21.002 | 0.0 | 2.333 | 22.409 | 0.051 | 1.837 | 23.171 | 0.281 | 0.086 | 139.45 | 1.036 | 0.086 | 220.554 | 0.939 | 0.086 | 0.121 | 0.0 | 0.086 | 0.126 | 0.0 |
| 49 | 12625 | 12626 | SN | 1 | -34.923 | 18.898 | 0.0 | -34.767 | 19.019 | 0.0 | 0.24 | 22.656 | 0.154 | 3.572 | 23.603 | 1.353 | 0.086 | 230.18 | 3.383 | 0.086 | 221.997 | 3.095 | 0.086 | 0.146 | 0.0 | 0.086 | 0.112 | 0.0 |
| 50 | 12625 | 12626 | NS | 1 | -34.306 | 19.092 | 0.0 | -33.484 | 20.999 | 0.0 | 2.718 | 22.367 | 0.006 | 2.469 | 20.385 | 0.0 | 0.086 | 199.661 | 1.054 | 0.086 | 165.307 | 0.915 | 0.086 | 0.118 | 0.0 | 0.086 | 0.12 | 0.0 |
| 51 | 12625 | 12626 | NS | 1 | -34.513 | 20.288 | 0.0 | -33.484 | 21.002 | 0.0 | 2.327 | 22.404 | 0.051 | 1.823 | 23.171 | 0.278 | 0.086 | 209.403 | 1.034 | 0.086 | 165.307 | 0.915 | 0.086 | 0.121 | 0.0 | 0.086 | 0.126 | 0.0 |
| 52 | 12626 | 12627 | SN | 1 | -34.079 | 21.123 | 0.0 | -34.84 | 20.889 | 0.0 | -6.401 | 22.05 | 0.003 | -2.869 | 22.028 | 0.002 | 0.086 | 189.489 | 2.553 | 0.086 | 225.743 | 2.216 | 0.086 | 0.391 | 0.0 | 0.086 | 0.215 | 0.0 |
| 53 | 12626 | 12627 | SN | 1 | -34.079 | 21.123 | 0.0 | -34.84 | 20.889 | 0.0 | -6.401 | 22.05 | 0.003 | -2.869 | 22.028 | 0.002 | 0.086 | 189.489 | 2.554 | 0.086 | 225.743 | 2.221 | 0.086 | 0.391 | 0.0 | 0.086 | 0.215 | 0.0 |
| 54 | 12626 | 12627 | NS | 1 | -34.363 | 20.942 | 0.0 | -34.496 | 20.801 | 0.0 | -0.388 | 23.074 | 0.077 | -5.125 | 23.456 | 0.152 | 0.086 | 202.326 | 2.958 | 0.086 | 208.652 | 3.306 | 0.086 | 0.156 | 0.0 | 0.086 | 0.31 | 0.0 |
| 55 | 12626 | 12627 | NS | 1 | -34.932 | 20.942 | 0.0 | -34.894 | 20.801 | 0.0 | -0.39 | 23.078 | 0.077 | -5.151 | 23.458 | 0.153 | 0.086 | 230.684 | 2.956 | 0.086 | 228.608 | 3.312 | 0.086 | 0.156 | 0.0 | 0.086 | 0.312 | 0.0 |
| 56 | 12627 | 12628 | SN | 1 | -34.758 | 19.643 | 0.0 | -34.92 | 20.609 | 0.0 | -3.437 | 21.884 | 0.0 | -1.412 | 22.687 | 0.013 | 0.086 | 221.55 | 4.703 | 0.086 | 229.975 | 3.916 | 0.086 | 0.234 | 0.0 | 0.086 | 0.176 | 0.0 |
| 57 | 12627 | 12628 | SN | 1 | -34.758 | 19.643 | 0.0 | -34.92 | 20.609 | 0.0 | -3.439 | 21.884 | 0.0 | -1.412 | 22.687 | 0.013 | 0.086 | 221.55 | 4.594 | 0.086 | 229.975 | 3.833 | 0.086 | 0.234 | 0.0 | 0.086 | 0.176 | 0.0 |
| 58 | 12627 | 12628 | SN | 1 | -34.758 | 19.643 | 0.0 | -34.92 | 20.609 | 0.0 | -3.439 | 21.884 | 0.0 | -1.412 | 22.687 | 0.013 | 0.086 | 221.55 | 4.594 | 0.086 | 229.975 | 3.833 | 0.086 | 0.234 | 0.0 | 0.086 | 0.176 | 0.0 |
| 59 | 12627 | 12628 | NS | 1 | -34.736 | 20.925 | 0.0 | -34.973 | 21.03 | 0.0 | -5.385 | 23.696 | 0.011 | -3.734 | 25.015 | 0.046 | 0.086 | 220.44 | 5.021 | 0.086 | 232.837 | 5.262 | 0.086 | 0.325 | 0.0 | 0.086 | 0.245 | 0.0 |
| 60 | 12627 | 12628 | NS | 1 | -34.829 | 20.924 | 0.0 | -34.925 | 21.03 | 0.0 | -5.382 | 23.696 | 0.011 | -3.734 | 25.015 | 0.046 | 0.086 | 225.21 | 5.004 | 0.086 | 230.214 | 5.257 | 0.086 | 0.324 | 0.0 | 0.086 | 0.245 | 0.0 |
| 61 | 12628 | 12629 | NS | 2 | -34.798 | 19.31 | 0.0 | -34.473 | 20.122 | 0.0 | -27.53 | 21.559 | 0.0 | -29.899 | 22.365 | 0.016 | 0.086 | 223.593 | 4.293 | 0.086 | 207.516 | 4.615 | 0.086 | 42.001 | 0.027 | 0.086 | 72.406 | 0.039 |
| 62 | 12628 | 12629 | SN | 1 | -34.77 | 20.11 | 0.0 | -34.411 | 19.949 | 0.0 | -5.928 | 21.946 | 0.0 | -0.031 | 25.947 | 0.02 | 0.086 | 222.208 | 1.738 | 0.086 | 204.573 | 1.614 | 0.086 | 0.358 | 0.0 | 0.086 | 0.15 | 0.0 |
| 63 | 12628 | 12629 | SN | 1 | -34.697 | 20.11 | 0.0 | -34.235 | 19.949 | 0.0 | -5.932 | 21.944 | 0.0 | -0.034 | 25.95 | 0.02 | 0.086 | 218.474 | 1.736 | 0.086 | 196.457 | 1.61 | 0.086 | 0.359 | 0.0 | 0.086 | 0.15 | 0.0 |
| 64 | 12628 | 12629 | NS | 1 | -34.742 | 19.31 | 0.0 | -34.618 | 20.122 | 0.0 | -27.597 | 21.559 | 0.0 | -29.899 | 22.365 | 0.016 | 0.086 | 220.766 | 4.293 | 0.086 | 214.606 | 4.614 | 0.086 | 42.652 | 0.027 | 0.086 | 72.406 | 0.039 |
| 65 | 12629 | 12630 | SN | 1 | -34.665 | 19.41 | 0.0 | -34.903 | 20.271 | 0.0 | 0.816 | 20.922 | 0.0 | 0.904 | 21.921 | 0.0 | 0.086 | 216.837 | 2.554 | 0.086 | 229.13 | 2.248 | 0.086 | 0.138 | 0.0 | 0.086 | 0.136 | 0.0 |
| 66 | 12629 | 12630 | SN | 1 | -34.665 | 19.41 | 0.0 | -34.903 | 20.271 | 0.0 | 0.816 | 20.922 | 0.0 | 0.904 | 21.92 | 0.0 | 0.086 | 216.837 | 2.513 | 0.086 | 229.13 | 2.228 | 0.086 | 0.138 | 0.0 | 0.086 | 0.136 | 0.0 |
| 67 | 12629 | 12630 | NS | 1 | -34.917 | 20.079 | 0.0 | -34.971 | 19.991 | 0.0 | -34.411 | 21.27 | 0.0 | -29.93 | 21.968 | 0.0 | 0.086 | 229.83 | 5.213 | 0.086 | 232.682 | 5.225 | 0.086 | 204.594 | 0.18 | 0.086 | 72.923 | 0.121 |
| 68 | 12630 | 12631 | SN | 1 | -34.902 | 18.937 | 0.0 | -34.623 | 20.22 | 0.0 | 0.109 | 21.6 | 0.0 | -0.046 | 21.878 | 0.0 | 0.086 | 229.019 | 2.792 | 0.086 | 214.81 | 2.411 | 0.086 | 0.148 | 0.0 | 0.086 | 0.15 | 0.0 |
| 69 | 12630 | 12631 | NS | 1 | -34.789 | 19.483 | 0.0 | -33.475 | 19.983 | 0.0 | -11.168 | 22.163 | 0.003 | -10.116 | 22.571 | 0.009 | 0.086 | 223.142 | 3.08 | 0.086 | 164.946 | 3.064 | 0.086 | 1.034 | 0.001 | 0.086 | 0.826 | 0.0 |

| | | | |
|--------------------------|------------|-------|-----|
| Parameter Specifications | Parameters | SNR | Kp |
| | Min | -65.0 | 0.0 |
| | Max | 22.0 | 1.0 |

| | |
|--|---|
|  Normal |  Deviations |
|  Alarming |  High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|---------|--------|-------|---------|--------|-----|---------|--------|-------|---------|--------|-------|-------|---------|-------|-------|---------|-------|-------|--------|-------|-------|--------|-------|
| 70 | 12632 | 12633 | NS | 1 | -34.405 | 19.957 | 0.0 | -34.953 | 20.548 | 0.0 | -31.217 | 21.726 | 0.0 | -25.997 | 22.438 | 0.016 | 0.086 | 204.31 | 3.803 | 0.086 | 231.767 | 4.029 | 0.086 | 98.056 | 0.099 | 0.086 | 29.526 | 0.144 |
| 71 | 12632 | 12633 | SN | 1 | -34.795 | 17.932 | 0.0 | -32.976 | 18.386 | 0.0 | 0.33 | 22.936 | 0.047 | 6.623 | 22.873 | 0.139 | 0.086 | 223.47 | 1.651 | 0.086 | 146.992 | 1.353 | 0.086 | 0.144 | 0.0 | 0.086 | 0.103 | 0.0 |
| 72 | 12632 | 12633 | SN | 1 | -34.795 | 17.932 | 0.0 | -32.976 | 18.386 | 0.0 | 0.33 | 22.936 | 0.05 | 6.623 | 22.873 | 0.139 | 0.086 | 223.47 | 1.724 | 0.086 | 146.992 | 1.453 | 0.086 | 0.144 | 0.0 | 0.086 | 0.103 | 0.0 |
| 73 | 12633 | 12634 | SN | 1 | -34.826 | 21.101 | 0.0 | -34.948 | 20.186 | 0.0 | -10.51 | 24.652 | 0.1 | -14.481 | 26.403 | 0.372 | 0.086 | 225.056 | 3.915 | 0.086 | 231.475 | 3.178 | 0.086 | 0.966 | 0.0 | 0.086 | 2.143 | 0.005 |
| 74 | 12633 | 12634 | NS | 1 | -34.823 | 21.494 | 0.0 | -34.39 | 20.863 | 0.0 | 1.105 | 22.47 | 0.051 | -19.862 | 23.256 | 0.19 | 0.086 | 224.902 | 1.445 | 0.086 | 203.563 | 1.402 | 0.086 | 0.134 | 0.0 | 0.086 | 7.238 | 0.024 |
| 75 | 12633 | 12634 | SN | 1 | -34.826 | 21.101 | 0.0 | -34.948 | 20.186 | 0.0 | -10.51 | 24.652 | 0.094 | -14.481 | 26.403 | 0.372 | 0.086 | 225.056 | 3.664 | 0.086 | 231.475 | 2.778 | 0.086 | 0.966 | 0.0 | 0.086 | 2.143 | 0.005 |
| 76 | 12634 | 12635 | NS | 1 | -33.126 | 22.282 | 0.006 | -34.892 | 20.328 | 0.0 | -12.232 | 22.854 | 0.201 | -15.357 | 23.57 | 0.68 | 0.086 | 152.155 | 0.79 | 0.086 | 228.524 | 0.818 | 0.086 | 1.303 | 0.005 | 0.086 | 2.607 | 0.004 |

| | | | |
|--------------------------|------------|-------|-----|
| Parameter Specifications | Parameters | SNR | Kp |
| | Min | -65.0 | 0.0 |
| | Max | 22.0 | 1.0 |

■ Normal ■ Deviations
■ Alarming ■ High Errors